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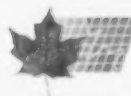
La Gazette du Bureau des brevets



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CIPO  OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: www.wipo.int/scit/en/standards/standards.htm.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: www.wipo.int/scit/fr/standards/standards.htm.

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After April 29, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1638*
For each additional sheet over 30	\$18
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 avril 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1638 \$*
Pour chaque feuille au delà de 30	18 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$246

6. Preliminary examination fee (Rule 58) \$800

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 246 \$

6. Taxe d'examen préliminaire (Règle 58) 800 \$

* International fees will be reduced by:

- \$123 for all applications filed using PCT-EASY,
- \$246 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$369 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- 123 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 246 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 369 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia**: 1st Monday in August (British Columbia Day)
- 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
- 5) **Ontario**: 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
- 6) **Quebec**: June 24 (St. John the Baptist Day)
- 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
- 8) **Yukon**: 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

- 1) **Alberta**: 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique**: 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick**: 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse**: 1er lundi d'août (congé statutaire)
- 5) **Ontario**: 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
- 6) **Québec**: 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan**: 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon**: 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le [formulaire de paiements](#).

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web site](#) or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listes de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé dépôt électronique de demande PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Notices

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work;](#)
- [application for registration of a copyright in a performer's performance, sound recording or communication signal;](#)
- [Filing a grant of interest;](#)
- [Request for certificate of correction;](#)
- [ordering copies in paper, or electronic form of a document;](#) and
- [general correspondence relating to copyrights.](#)

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design;](#)
- [ordering copies in paper, or electronic form of a document;](#)
- [general correspondence relating to industrial designs;](#) and
- [payment of industrial design maintenance fees.](#)

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies.](#)

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre;](#)
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;](#)
- [dépôt d'une concession d'intérêt;](#)
- [demande de certificat de correction;](#)
- [commande de copies des documents papier ou électroniques;](#) et
- [correspondance générale relative aux droits d'auteur.](#)

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel;](#)
- [commande de copies de documents papier ou électroniques;](#)
- [correspondance générale relative aux dessins industriels;](#) et
- [paiement des droits de maintien des dessins industriels.](#)

Topographies de circuits intégrés

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés.](#)

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 20, 2014 contains applications open to public inspection from May 4, 2014 to May 10, 2014.

17. Erratum

The information concerning application number 2,829,537 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of April 22, 2014 was incorrect. Please note that no application is open to public inspection under this number.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 mai 2014 contient les demandes disponibles au public pour consultation pour la période du 4 mai 2014 au 10 mai 2014.

17. Erratum

Les renseignements concernant la demande 2,829,537 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 22 avril 2014 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

May 20, 2014

Brevets canadiens délivrés

20 mai 2014

[11] **2,343,698**
[13] C
[51] Int.Cl. A61K 38/18 (2006.01) A61K 38/51 (2006.01) A61L 27/22 (2006.01)
[25] EN
[54] **REPAIR OF LARYNX, TRACHEA, AND OTHER FIBROCARILAGINOUS TISSUES**
[54] **REPARATION DU LARYNX, DE LA TRACHEE ET D'AUTRES TISSUS FIBROCARILAGINEUX**
[72] VUKICEVIC, SLOBODAN, HR
[72] KATIC, VLADIMIR, HR
[72] SAMPATH, KUBER T., US
[73] STRYKER CORPORATION, US
[85] 2001-03-26
[86] 1999-07-30 (PCT/US1999/017222)
[87] (WO2000/020021)
[30] US (60/103,161) 1998-10-06

[11] **2,357,994**
[13] C
[51] Int.Cl. G06Q 50/06 (2012.01)
[25] EN
[54] **AUTOMATED SYSTEM FOR RATING PIPE SEGMENTS IN A WATER DISTRIBUTION SYSTEM**
[54] **SYSTEME AUTOMATISE D'EVALUATION DE TRONCONS DE CANALISATION DE DISTRIBUTION D'EAU**
[72] KIRWAN, KEVIN B., US
[73] AMERICAN WATER WORKS COMPANY, INC., US
[86] (2357994)
[87] (2357994)
[22] 2001-09-27

[11] **2,362,786**
[13] C
[51] Int.Cl. G06F 21/10 (2013.01)
[25] EN
[54] **METHOD AND APPARATUS FOR INFORMATION PROCESSING, AND MEDIUM FOR STORING PROGRAM**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE DONNEES ET SUPPORT DE STOCKAGE DE PROGRAMME**
[72] MORITA, TOSHIHIRO, JP
[72] HATANAKA, MITSUYUKI, JP
[72] KOJIMA, KIYONOBU, JP
[72] TAMBATA, IPPEI, JP
[72] SHIROMA, SHIN, JP
[73] SONY CORPORATION, JP
[85] 2001-08-10
[86] 2000-12-15 (PCT/JP2000/008916)
[87] (WO2001/045085)
[30] JP (11/358409) 1999-12-17

[11] **2,364,160**
[13] C
[51] Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01)
[25] EN
[54] **PRODUCT AND METHOD FOR TREATMENT OF CONDITIONS ASSOCIATED WITH RECEPTOR-DESENSITIZATION**
[54] **PRODUIT ET METHODE DE TRAITEMENT DE MALADIES ASSOCIEES A LA DESENSIBILISATION DE RECEPTEURS**
[72] VILEN, BARBARA J., US
[72] CAMBIER, JOHN C., US
[73] NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, US
[85] 2001-08-24
[86] 2000-02-25 (PCT/US2000/004791)
[87] (WO2000/050081)
[30] US (60/121,954) 1999-02-25

[11] **2,365,668**
[13] C
[51] Int.Cl. C12P 21/06 (2006.01) C07K 14/525 (2006.01) C12N 9/10 (2006.01) C12P 21/00 (2006.01)
[25] EN
[54] **IN VITRO MACROMOLECULE BIOSYNTHESIS METHODS USING EXOGENOUS AMINO ACIDS AND A NOVEL ATP REGENERATION SYSTEM**
[54] **TECHNIQUES DE BIOSYNTHESE MACROMOLECULAIRE IN VITRO UTILISANT DES ACIDES AMINES EXOGENES ET UN NOUVEAU SYSTEME POUR LA GENERATION D'ATP**
[72] SWARTZ, JAMES R., US
[72] KIM, DONG-MYUNG, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2001-08-27
[86] 2000-03-15 (PCT/US2000/007095)
[87] (WO2000/055353)
[30] US (09/270,814) 1999-03-17
[30] US (60/125,463) 1999-03-22

[11] **2,390,804**
[13] C
[51] Int.Cl. H01M 4/02 (2006.01) C09D 5/24 (2006.01) C09D 133/20 (2006.01) H01M 2/02 (2006.01) H01M 4/60 (2006.01) H01M 4/66 (2006.01) H01M 8/02 (2006.01)
[25] EN
[54] **A COATING DISPERSION FOR USE IN AN ENERGY STORAGE DEVICE**
[54] **DISPERSION DE REVETEMENT POUR UTILISATION DANS UN DISPOSITIF D'ENTREPOSAGE D'ENERGIE**
[72] RAHIM, MARUFUR, US
[72] KADAKIA, SURENDRA, US
[73] HENKEL AG & CO. KGAA, DE
[86] (2390804)
[87] (2390804)
[22] 2002-06-17
[30] US (09/888,306) 2001-06-22

**Canadian Patents Issued
May 20, 2014**

[11] **2,397,722**
[13] C

[51] **Int.Cl. G07F 7/10 (2006.01)**
[25] EN
[54] **MULTIPLE-SERVICE CARD SYSTEM**
[54] **SYSTEME DE CARTE MULTISERVICES**
[72] FITZMAURICE, MARY ANN, US
[72] FREUD, ALIZA, US
[72] SHARP, RAY, US
[72] NANTON, JASON, US
[72] VOSBURGH, SCOTT, US
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2002-07-17
[86] 2001-01-18 (PCT/US2001/001886)
[87] (WO2001/054082)
[30] US (60/177,530) 2000-01-21

[11] **2,418,050**
[13] C

[51] **Int.Cl. H04L 9/00 (2006.01) G06F 17/30 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **LINKING PUBLIC KEY OF DEVICE TO INFORMATION DURING MANUFACTURE**
[54] **CLEF PUBLIQUE DE LIAISON DE DISPOSITIF D'INFORMATION PENDANT LA FABRICATION**
[72] WHEELER, LYNN HENRY, US
[72] WHEELER, ANNE M., US
[73] FIRST DATA CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024572)
[87] (WO2002/013445)
[30] US (60/223,076) 2000-08-04

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[13] C

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[72] SCHEWE, GABI, DE
[72] KNIES, PETRA, DE
[72] AMATI, SIMONE FRANCESKA, DE
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[54] **DETECTION DE CRISES EPILEPTIQUES A L'AIDE D'UN DISPOSITIF IMPLANTABLE**

[72] PLESS, BENJAMIN D., US

[72] ARCHER, STEPHEN T., US

[72] BAYSINGER, CRAIG M., US

[72] GIBB, BARBARA, US

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[54] **SYSTEME ET METHODE DE DIFFERENTIATION DES POINTEURS TOUCHANT UNE SURFACE TACTILE**

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[72] DETHEUX, MICHEL, BE

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[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE D'ELABORATION D'UN MATERIAU COMPOSITE D'ELECTRODE**
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[54] **COMPOSES DE N ALKYL-ACIDE HYDROXAMIQUE-ISOINDOLYLE ET LEURS UTILISATIONS PHARMACEUTIQUES**
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[72] MULLER, GEORGE W., US
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[72] LIU, DAHUI, US

[72] TEW, GREGORY N., US

[72] KLEIN, MICHAEL L., US

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[73] CISCO TECHNOLOGY, INC., US

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[54] **STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR**

[54] **METHODE ET DISPOSITIF DE STERILISATION ET APPAREIL CONNEXE DE REGULATION A L'ORIFICE D'ENTREE**

[72] KOHLER, JAMES P., US

[72] LIN, SZU-MIN, US

[72] KENDALL, RICHARD JED, US

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[54] **MONTAGE DIFFUSEUR ECONOMIQUE POUR TURBINE A GAZ**

[72] FISH, JASON ARAAN, CA

[72] BRUNO, VITTORIO, CA

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[54] **METHODE ET SUPPORT LISIBLE PAR ORDINATEUR PERMETTANT DE VERIFIER ET DE SAUVEGARDER UN DOCUMENT ELECTRONIQUE**

[72] JONES, BRIAN M., US

[72] LIU, CAROL L., US

[72] ROTHSCHILLER, CHAD B., US

[72] MCCAUGHEY, ROBERT R., US

[72] VILLARON, SHAWN A., US

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[54] **LIGNEE CELLULAIRE ET SES UTILISATIONS**

[72] FRY, DENNIS G., US

[72] COLLINS, CHRISTINE A., US

[72] DAYTON, BRIAN D., US

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[54] **FEUILLES D'AUTOCOLLANTS PERFORES**
[72] DOWNS, JOHN P., US
[72] DAUN, ROBIN R., US
[73] GLUE DOTS INTERNATIONAL, LLC, US
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[54] **SUBSTRAT DE COURROIE SANS FIN POUVANT ETRE UTILISE DANS DES APPLICATIONS DE FABRICATION DE PAPIER**
[72] FITZPATRICK, KEITH, NL
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[54] **UTILISATION DE CONJUGUES PEPTIDIQUES POUR LA PREPARATION DE COMPOSITIONS DESTINEES AU TRAITEMENT PREVENTIF ET CURATIF DE L'ALOPECIE**
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[73] COM-PAC INTERNATIONAL, INC., US
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[72] DELGADO, GARY D., US
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[54] **SUBSTANCE DE REMPLACEMENT DE LA DURE-MERE ET SON PROCEDE DE PRODUCTION**
[72] DAMIEN, CHRISTOPHER J., US
[72] BEAM, HEATHER ANN, US
[72] OSTER, GERRY ANN, US
[72] WRIGHT, FREDERIC S., US
[72] SERAFICA, GONZALO, US
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[73] CENTRIX, INC., US
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[72] FILION, DANIEL, CA
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[72] HEATHER, DAVID, GB
[72] HARDING, COLIN EWART, GB
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[72] MACDONALD, RODERICK LEWIS, GB
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[54] **UTILISATION D'ANTICORPS ANTAGONISTES ANTI-CD40 POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES ET INFLAMMATOIRES ET LE REJET D'ORGANES TRANSPLANTES**
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[72] LUQMAN, MOHAMMAD, US
[72] YABANNAVAR, ASHA, US
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[73] NOVARTIS VACCINES AND DIAGNOSTICS, INC., US
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[72] BERGERON, CLARK JOSEPH, US
[72] STEWART, JOHN FOREMAN, US
[72] TUBEL, PAULO SERGIO, US
[73] SHELL CANADA LIMITED, CA
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[54] **POLYMERES HAUTE DENSITE EN FIBRES COMPRIMEES, CONVENANT COMME IMPLANT**
[72] RINGEISEN, TIMOTHY A., US
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[54] **SYSTEM FOR ATTACHING AN INJECTION SYSTEM TO THE BOTTOM OF A TURBOJET COMBUSTION CHAMBER AND METHOD OF ATTACHING SAID SYSTEM**
[54] **SYSTEME DE FIXATION D'UN SYSTEME D'INJECTION SUR UN FOND DE CHAMBRE DE COMBUSTION DE TURBOREACTEUR ET PROCEDE DE FIXATION**
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR
[72] LUNEL, ROMAIN NICOLAS, FR
[72] PIEUSSERGUES, CHRISTOPHE, FR
[72] PINCHON, DAVID, FR
[72] SEVI, GUILLAUME, FR
[73] SNECMA, FR
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[54] **DISPOSITIF MEDICAL IMPLANTABLE AVEC MECANISME DE FIXATION SIMULTANEE ET METHODE**
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[72] BYRUM, RANDAL T., US
[72] CONLON, SEAN P., US
[73] ETHICON ENDO-SURGERY, INC., US
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- [54] SYSTEME ET PROCEDE DE SIMULATION VIRTUELLE POUR L'ENTRAINEMENT NEUROMUSCULAIRE ET DE DELIVRANCE D'UN CERTIFICAT VIA UN RESEAU DE COMMUNICATION
- [72] CHOQUET, CLAUDE, CA
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- [72] GRIFFITH, DAVID B., US
- [72] ORTIZ, MARK S., US
- [73] ETHICON ENDO-SURGERY INC., US
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- [73] ETHICON ENDO-SURGERY, INC., US
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- [72] KAWAKAMI, TOSHIKI, JP
- [72] SHIMIZU, NORIKAZU, JP
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- [54] SYSTEME D'ETANCHEITE DE LA CHAMBRE DE LUBRIFICATION ARRIERE D'UN TURBOREACTEUR
- [72] BART, JACQUES RENE, FR
- [72] ROUSSELIN, STEPHANE, FR
- [73] SNECMA, FR
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- [54] MEMBRANE DE COUVERTURE REFLECHISSANT LA CHALEUR SOLAIRE ET PROCEDE DE FABRICATION
- [72] KALKANOGLU, HUSNU M., US
- [72] SHIAO, MING LIANG, US
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- [73] CERTAINTED CORPORATION, US
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[54] **HIGH-STRENGTH, LOW-TEMPERATURE STABLE HERBICIDAL FORMULATIONS OF 2,4-DICHLOROPHENOXY ACETIC ACID SALTS**

[54] **FORMULATIONS HERBICIDES DE 2,4-DICHLOROPHENOXYACETATES DE HAUTE RESISTANCE ET STABLES A BASSE TEMPERATURE**

[72] LINTON, MARK RICHARD, NZ

[73] DOW AGROSCIENCES LLC, US

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[54] **GAS HEATING DEVICE CONTROL**

[54] **METHODE DE REGULATION DE DISPOSITIFS DE CHAUFFAGE AU GAZ**

[72] LEE, HYUNGSIK, US

[72] POEHLMAN, ROBERT F., JR., US

[73] AOS HOLDING COMPANY, US

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[54] **FORMING DIE ASSEMBLY WITH ENHANCED STOP**

[54] **MATRICE DE FORMAGE A ARRET AMELIORE**

[72] JOHNS, ALBERT D., US

[72] SOFRONIE, MIRCEA T., US

[73] DIXIE CONSUMER PRODUCTS LLC, US

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[54] **SYSTEM AND METHOD FOR THE SPECTROSCOPIC DETERMINATION OF THE COMPONENTS AND CONCENTRATIONS OF PUMPABLE ORGANIC COMPOUNDS**

[54] **ENSEMBLE ET PROCEDE DE DETERMINATION SPECTROSCOPIQUE DES CONSTITUANTS ET DES CONCENTRATIONS DE COMPOSES ORGANIQUES APTE AU POMPAGE**

[72] RODE, MICHAEL, DE

[72] ANDREE, HELGA, DE

[72] MALLEY, DIANE F., CA

[73] CARL ZEISS JENA GMBH, DE

[73] CHRISTIAN-ALBRECHTS-UNIVERSITAET ZU KIEL, DE

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[54] **PROCEDE FOR ASSEMBLING A TURBINE ENGINE**

[54] **PROCEDE D'ASSEMBLAGE D'UNE TURBOMACHINE**

[72] BERGEROT, FRANCOIS PIERRE ANDRE, FR

[72] LEEDER, LAURENT, FR

[72] MALTERRE, JACQUES PIERRE FELIX, FR

[72] SOUART, BERNARD ADRIEN EDMOND, FR

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[25] EN

[54] **COMPUTER-IMPLEMENTED METHOD, SYSTEM AND APPARATUS FOR THE DYNAMIC VERIFICATION OF A CONSUMER ENGAGED IN A TRANSACTION WITH A MERCHANT AND AUTHORIZATION OF THE TRANSACTION**

[54] **PROCEDE, SYSTEME ET DISPOSITIF MIS EN OEUVRE PAR ORDINATEUR POUR LA VERIFICATION DYNAMIQUE D'UN CONSOMMATEUR ENGAGE DANS UNE TRANSACTION AVEC UN COMMERCE ET POUR L'AUTORISATION DE CETTE TRANSACTION**

[72] TALBERT, VINCENT W., US

[72] KEITHLY, THOMAS H., US

[72] HIRSCHFELD, DANIEL A., US

[72] LAVELLE, MARK L., US

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[72] SARIDOU, THIERRY, FR
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[54] **INHIBITEURS DE
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[72] MOHAN, RAJU, US
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[73] THERMA-TRU CORP., US
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[72] DUNK, CRAIG, CA
[72] KUHIL, LAWRENCE EDWARD, CA
[72] WORMALD, CHRISTOPHER R., CA
[73] BLACKBERRY LIMITED, CA
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[73] FANCASTIC PRODUCTS, INC. DBA
JOSLIN ORTHOPEDIC GEAR, US
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[72] RYU, KI SEON, KR
[72] KIM, YONG HO, KR
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[54] **DISPOSITIF DE COMPRESSION
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[72] TABRON, IAN STEWART, GB
[72] FERNANDEZ, ARSENIO, GB
[72] BOSTROEM, ANDERS LENNART,
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[72] HANSEN, PETER LUCIEN, GB
[72] MIRZA, MUHAMMAD SALIM, GB
[73] SWELLING SOLUTIONS, INC., US
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[73] NOVARTIS AG, CH
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[72] MAASE, DANIEL FREDERICK, US
[72] STOLTZMANN, DAVID, US
[72] SCOTT, BRYAN, US
[73] IDENTIX INCORPORATED, US
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[54] **LINKERS BIODEGRADABLES POUR THERAPIES MOLECULAIRES**

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[72] LEVY, ROBERT J., US

[72] FISHBEIN, ILIA, US

[73] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US

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[54] **APPARATUS FOR DISPENSING AND IDENTIFYING PRODUCT IN WASHROOMS**

[54] **APPAREIL POUR DISTRIBUER ET POUR IDENTIFIER UN PRODUIT DANS DES TOILETTES**

[72] GOERG, CHARLES H., US

[72] MITCHELL, JOSEPH, US

[72] NG, DIXON, US

[72] PADAK, RONALD RAYMOND, US

[72] YORK, CHERYL LYNN, US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

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[54] **ECHANGEUR DE CHALEUR INDIRECT**

[72] CONSTANTIN, GABRIEL, FR

[72] TSIAVA, REMI PIERRE, FR

[72] LEROUX, BERTRAND, FR

[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

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[54] **PROCEDE ET DISPOSITIF POUR UN MOTEUR DE RECHERCHE D'APPLICATIONS**

[72] TUTTLE, TIMOTHY D., US

[72] BEGUELIN, ADAM, US

[72] KOCKS, PETER, US

[73] FACEBOOK, INC., US

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[54] **7-MEMBERED RING COMPOUND AND METHOD OF PRODUCTION AND PHARMACEUTICAL APPLICATION THEREOF**

[54] **COMPOSE CYCLIQUE A SEPT ELEMENTS ET METHODE DE PRODUCTION ET APPLICATION PHARMACEUTIQUE CONNEXES**

[72] MUTO, TSUYOSHI, JP

[72] TANAKA, TAISAKU, JP

[72] MARUOKA, HIROSHI, JP

[72] IMAJO, SEIICHI, JP

[72] TOMIMORI, YOSHIAKI, JP

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- [54] **AGENCEMENT DE RACCORDEMENTS DE LIGNES DESTINE A DES INSTALLATIONS DANS LA CABINE PASSAGERS D'UN AERONEF**
- [72] GONNSEN, JOHANNES, DE
- [72] FOKKEN, MARKUS, DE
- [72] DUPONT, MICHAEL, DE
- [72] HARRIEHAUSEN, MICHAEL, DE
- [72] LEHMANN, LARS, DE
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- [54] **DERIVE D'ACIDE AMINOCARBOXYLIQUE ET APPLICATIONS THERAPEUTIQUES DUDIT DERIVE**
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- [72] KURATA, HARUTO, JP
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- [73] ONO PHARMACEUTICAL CO., LTD., JP
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- [54] **SYSTEME DE PAIEMENT INFORMATISE POUR L'ACHAT DE PRODUITS D'INFORMATION PAR TRANSFERT ELECTRONIQUE SUR INTERNET**
- [72] STEIN, LEE H., US
- [72] STEFFERUD, EINAR A., US
- [72] BORENSTEIN, NATHANIEL S., US
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- [54] **PALIER POUR AUBE DE STATOR A CALAGE VARIABLE**
- [72] HOURADOU, EMMANUEL, FR
- [72] HULIN, HERVE, FR
- [72] JUSTE, SEBASTIEN, FR
- [72] RAULIN, DOMINIQUE, FR
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[72] SCHROCK, DEREK W., US
[72] BAGWELL, RICK A., US
[72] BEARDSLEE, DARRIN W., US
[73] OY HALTON GROUP, LTD, FI
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[54] **UN SYSTEME DE MAROUFLAGE POUR LE MAROUFLAGE DU CARTER D'UN MOTEUR A COMBUSTION INTERNE**
[72] BOHNIHEIO, CHRISTIAN, CH
[72] BARBEZAT, GERARD, CH
[73] SULZER METCO AG, CH
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[54] **ENSEMBLE DE COMPRESSION, ASSEMBLAGE DE PILES A COMBUSTIBLE A OXYDE SOLIDE, PROCEDE DE COMPRESSION DUDIT ASSEMBLAGE ET SON UTILISATION**
[72] NIELSEN, JENS ULRIK, DK
[72] ERIKSTRUP, NIELS, DK
[72] NORSK, JESPER, DK
[72] OLSEN, CHRISTIAN, DK
[73] TOPSOE FUEL CELL A/S, DK
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[54] **ELECTRODE DESTINEE A DES MESURES DE SIGNAUX PHYSIOLOGIQUES ET PROCEDE POUR LA FABRIQUER**
[72] RYDGREN, GOERAN, SE
[72] LINDNER, TORD, SE
[72] COMTOIS, NORM, CA
[72] SINDERBY, CHRISTER, CA
[73] MAQUET CRITICAL CARE AB, SE
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[72] CASWELL, MICHAEL L., US
[73] C.B. FLEET COMPANY INCORPORATED, US
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[54] **PROCEDE POUR LA PRODUCTION DE MELAMINE**
[72] MENNEN, JOHANNES HENRICUS, NL
[73] STAMICARBON B.V., NL
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[54] **SYSTEME D'AMARRAGE ET EMBARCATION AVEC SYSTEME D'AMARRAGE**
[72] HEIDEMAN, RIK ROBERT, NL
[72] TER HORST, HENDRIK CORNELIS YNZE, NL
[72] VAN DER NAT, CLEMENS GERARDUS JOHANNES MARIA, NL
[72] BURGER, PIETER CORNELIS, NL
[73] BLUEWATER ENERGY SERVICES B.V., NL
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[54] **RECIPIENT**
[72] TUCKER, EDWARD, US
[72] RAMANUJAM, ANAND, US
[72] RACANA, LAWRENCE, US
[72] MARASLIGILLER, ARES, US
[72] PHILLIPS, JASON, US
[72] DHURU, YASHODHAN, US
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[72] ZIEKER, SCOTT, US
[73] THE GLAD PRODUCTS COMPANY, US
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[54] **DOSAGE IMMUNOLOGIQUE DE 5-FLUORO-URACIL**
[72] SALAMONE, SALVATORE, US
[72] COURTNEY, JODI BLAKE, US
[72] STOCKER, DENNIS, US
[73] SALADAX BIOMEDICAL INC., US
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[72] COWAN, DAVID A., US
[72] MADISHI, JOHN K., US
[72] ADEWALE, KOLAPO, US
[72] MOORE, ROGER, US
[72] BOWMAN, JAY, US
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[73] BLACKBERRY LIMITED, CA
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[72] GREEN, JONATHAN EDWARD, US
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- [54] **TABLE DE CANAUX VIRTUELS POUR PROTOCOLE DE RADIODIFFUSION ET METHODE D'EMISSION ET DE RECEPTION DE SIGNAUX DE RADIODIFFUSION A L'AIDE DE CETTE TABLE**
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- [54] **COMPLEXE POUR MEMBRANE DE SEPARATION ET METHODE POUR LE PRODUIRE**
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- [72] NONAKA, HISAYOSHI, JP
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[54] **PROCEDE ET SYSTEME POUR ELIMINER DES EFFETS DE TUBAGE ET DE Puits DE FORAGE CONDUCTEURS ET HETEROGENEITE DE SURFACE DANS DES LEVES D'IMAGERIE ELECTROMAGNETIQUE**
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[72] ZHANG, PING, US
[72] NICHOLS, EDWARD, US
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[54] **DISPOSITIF ELECTRONIQUE A MAIN AVEC ECRAN TACTILE ET METHODE D'UTILISATION D'UN ECRAN TACTILE D'UN DISPOSITIF ELECTRONIQUE A MAIN**
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[73] BLACKBERRY LIMITED, CA
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[72] ASHKENAZI, ASAF, IL
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[54] **SYSTEME DE TRANSPORT AEROPORTE DE LIQUIDES INFLAMMABLES**
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[72] CHEESEMAN, ALAN, CA
[73] THUNDER BAY AIRCRAFT LEASING INC., CA
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[73] LNG TECHNOLOGY PTY LTD, AU
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[54] **PROCEDE DE STABILISATION DE POLYMERES CATIONIQUES AQUEUX**
[72] LUO, YUPING, US
[72] RINGOLD, CLAY E., US
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[54] **RECIPIENT AVEC COUVERCLE DE SCELLEMENT ETANCHE**

[72] DIPIETRO, DEAN, US

[72] KENNEDY, TIMOTHY JUDE, US

[72] FORLEE, SHERWOOD, US

[72] KANEKO, EUGENE RYU, US

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[54] **GESTION D'ERREUR POUR AFFICHAGE MULTIFONCTION**

[72] DEL RIO, CHRIS, US

[72] ESPINOSA, JOHN WILLIAM, US

[72] CROWE, PAUL S., US

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[72] LEPPANEN, JARMO UOLEVI, ZA

[72] OOSTHUIZEN, OCKERT, ZA

[73] SANDVIK MINING AND CONSTRUCTION RSA (PTY) LTD., ZA

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[54] **SYSTEME ET PROCEDE POUR REpondre A UNE DEMANDE DANS UN ENVIRONNEMENT RESEAU COMPRENANT UN SOUS-SYSTEME MULTIMEDIA IP (IMS)**

[72] BAKKER, JAN JOHN-LUC, US

[72] ALLEN, ANDREW, US

[72] BUCKLEY, ADRIAN, US

[73] BLACKBERRY LIMITED, CA

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[54] **DETECTION D'ERREUR DANS LE CADRE D'OPERATIONS D'EXPONENTIATION ET DE MULTIPLICATION DE POINTS AU MOYEN D'UNE ECHELLE DE MONTGOMERY**

[72] EBEID, NEVINE MAURICE NASSIF, CA

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[72] LARAWAY, JAMES W., US

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[72] BROWN, MICHAEL S., CA

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[54] **ENSEMBLE D'AERONEF**

[72] KAMINO, YUICHIRO, JP

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[72] NAKAMURA, KOICHI, JP

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[54] **COMPOSANT DE SILIBININE POUR LE TRAITEMENT DE L'HEPATITE**

[72] ROVATI, LUCIO CLAUDIO, IT

[72] IYAMATO, MASSIMO MARIA, IT

[72] MENGES, ULRICH, DE

[72] POHL, RALF-TORSTEN, DE

[72] FERENCI, PETER, AT

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[54] **PROCEDE D'ASSEMBLAGE D'AU MOINS DEUX PLAQUES D'ECHANGEUR DE CHALEUR**

[72] HALLMANN, MIKE, DE

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[54] **REGIONS D'AFFICHAGE MULTIPLE DANS UNE BOITE DE RECEPTION DE MESSAGES UNIFIEE**

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[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] READMAN, MATTHEW JOSEPH, GB
[73] SELF-ENERGISING COUPLING COMPANY LIMITED, GB
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[54] POMPE ELECTRIQUE SUBMERSIBLE COMPORTANT UN MOTEUR A STATOR A LAMES MECANIQUEMENT BLOQUEES
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[73] QUALCOMM INCORPORATED, US
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[72] MARQUEZ, HUGO ROBERTO, BR
[73] SMITH INTERNATIONAL, INC., US
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[72] SHAFRAN, GIL, IL
[72] RIDEL, LENNY, IL
[73] F5 NETWORKS, INC., US
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- [54] UTILISATION DE S-ADENOSYLMETHIONINE (SAM) ET DE SUPEROXYDE DISMUTASE (SOD) POUR LA PREPARATION DE MEDICAMENTS DESTINES AU TRAITEMENT DE LA MALADIE D'ALZHEIMER
- [72] SCARPA, SIGFRIDO, IT
- [72] FUSO, ANDREA, IT
- [72] DAMIANI, ROSELLINA, IT
- [72] ROSSINI, MAURO, IT
- [73] GNOSIS S.P.A., IT
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- [72] MATSUMOTO, SATOSHI, JP
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[54] **APPAREIL ET PROCEDE POUR MESURER ET ENREGISTRER DES DONNEES PROVENANT D'EVENEMENTS VIOLENTS**
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[72] CHIN, LOCK-SUI, CA
[72] LEVINE, JEFFREY, CA
[72] DIONNE, JEAN-PHILIPPE, CA
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COMPRISING SUCH A
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LIQUID FOOD PRODUCT AND
METHOD FOR DIRECTLY
HEATING A LIQUID FOOD
PRODUCT IN AN INFUSION
SYSTEM**
[54] **SYSTEME DE PERFUSION POUR
UN PRODUIT ALIMENTAIRE
LIQUIDE ET PROCEDE VISANT A
CHAUFFER DIRECTEMENT UN
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[72] KOWALIK, GOTTFRIED, DE
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[54] **REFROIDISSEUR D'AIR SUR LIEU D'UTILISATION MONTE SUR PAROI DESTINE A UN COMPARTIMENT DE CHARIOT DE CHARGEMENT D'AERONEF**
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[54] **MARTEAU PERFORATEUR DE FOND DE TROU EQUIPE D'UN CLAPET D'ECHAPPEMENT ANTIRETOUR COULISSANT**
[72] LYON, LELAND H., US
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[54] **SYSTEME DE SCELLAGE D'UNE EXTREMITÉ DE FILM ET PROCEDE POUR APPAREIL D'EMBALLAGE**
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[54] **APPAREIL ET PROCEDE DE COMMUNICATION AVEC LA SURFACE CONCUS POUR ETRE UTILISES AVEC UN SYSTEME DE TELEMETRIE FONDE SUR UN TRAIN DE TIGES**
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[54] **SYSTEME DE POSE POUR UN DISPOSITIF MAGNETIQUE D'ANASTOMOSE**
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[54] **PROCEDE ET APPAREIL DE COMMUNICATION D'AERONEF SANS FIL ET SYSTEME ELECTRIQUE UTILISANT DES LISSES DE FUSELAGE**
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[54] **NOYAU ET MODULE DE CHAUFFAGE RADIANT A AIR PULSE, ET IMMEUBLE AINSI EQUIPE**
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[72] ARNASON, JOHN THOR, CA
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[71] LEBLANC, RUSSELL, CA
[22] 2012-11-07
[41] 2014-05-07

- [21] 2,795,584
[13] A1
- [51] Int.Cl. G01N 17/00 (2006.01)
- [25] EN
- [54] AN IMPINGEMENT JET TEST RIG FOR MEASUREMENTS OF EROSION-CORROSION OF METALS
- [54] BANC D'ESSAI A JET D'IMPACT POUR MESURES DE L'EROSION-CORROSION DES METAUX
- [72] XU, LUYAO, CA
[71] CHENG, YUFENG (FRANK), CA
[22] 2012-11-06
[41] 2014-05-06

- [21] 2,795,587
[13] A1
- [51] Int.Cl. A43D 3/14 (2006.01)
- [25] EN
- [54] SELF ADHERING BOOT SHAPERS DEVICE
- [54] DISPOSITIF A COQUILLES POUR BOTTES AUTOADHESIF
- [72] OUIMET, CAROLINE N., CA
[71] OUIMET, CAROLINE N., CA
[22] 2012-11-09
[41] 2014-05-09

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[13] A1

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[25] EN

[54] **MOBILITY IDENTIFICATION JEWELLERY (FOR WALKERS AND WHEELCHAIRS)**

[54] **BIJOU D'IDENTIFICATION DE MOBILITE (POUR DEAMBULATEURS ET FAUTEUILS ROULANTS)**

[72] GALLANT, LINDA M., CA
[71] GALLANT, LINDA M., CA
[22] 2012-11-08
[41] 2014-05-08

[21] 2,795,604
[13] A1

[51] Int.Cl. A01M 1/14 (2006.01)

[25] EN

[54] **STICKY STICK**

[54] **BATON COLLANT**

[72] ANDERSON, JOHN P., CA
[71] ANDERSON, JOHN P., CA
[22] 2012-11-08
[41] 2014-05-08

[21] 2,795,666
[13] A1

[51] Int.Cl. B64D 1/22 (2006.01) B66C 3/10 (2006.01) G01N 33/24 (2006.01)

[25] EN

[54] **AIRBORNE GEOCHEMICAL SAMPLE COLLECTION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE COLLECTE D'ECHANTILLONS GEOCHIMIQUES EN SUSPENSION DANS L'AIR**

[72] POWER, MICHAEL, CA
[72] JACKSON, PHILIP, CA
[71] AURORA GEOSCIENCES LTD., CA
[22] 2012-11-06
[41] 2014-05-06

[21] 2,796,025
[13] A1

[51] Int.Cl. B03D 1/08 (2006.01) B03B 9/02 (2006.01) C10G 1/04 (2006.01)

[25] EN

[54] **TAILINGS MANAGEMENT TECHNIQUES AND SAND DUMP OPERATIONS FOR EXTRACTION TAILINGS**

[54] **TECHNIQUES DE GESTION DE RESIDUS ET OPERATIONS DE TERRIL POUR RESIDUS D'EXTRACTION**

[72] BACKMAN, PAUL, CA
[72] PIERCEY, BILL, CA
[72] HIKITA, DAN, CA
[72] ALI, ZULFIQAR, CA
[71] SUNCOR ENERGY INC., CA
[22] 2012-11-05
[41] 2014-05-05

[21] 2,796,549
[13] A1

[51] Int.Cl. A47G 9/00 (2006.01) A47C 31/10 (2006.01) D03D 7/00 (2006.01) D03D 15/00 (2006.01)

[25] EN

[54] **TOP COVER**

[54] **COUVERCLE SUPERIEUR**

[72] STEWART, RICHARD, US
[72] MUTHANANDAM, SARAVAN, US
[71] STANDARD TEXTILE CO., INC., US
[22] 2012-11-22
[41] 2014-05-07
[30] US (13/671,342) 2012-11-07

[21] 2,798,731
[13] A1

[51] Int.Cl. A47B 47/00 (2006.01) A47B 53/00 (2006.01) F16B 12/00 (2006.01)

[25] EN

[54] **CONSOLE MODULE AND MODULAR CONSOLE SYSTEM**

[54] **MODULE DE CONSOLE ET SYSTEME DE CONSOLES MODULAIRE**

[72] LUNDRIGAN, SHANNON, CA
[72] PAPIC, MATKO, CA
[72] GAME, RICHARD, CA
[72] YASKIW, NICK, CA
[72] LEWIS, PAUL, CA
[71] EVANS CONSOLES CORPORATION, CA
[22] 2012-12-12
[41] 2014-05-07
[30] US (13/670,701) 2012-11-07

[21] 2,799,873
[13] A1

[51] Int.Cl. G06Q 40/06 (2012.01) G06Q 10/04 (2012.01)

[25] EN

[54] **SYSTEM AND METHOD FOR DE-RISKING A PENSION FUND**

[54] **SYSTEME ET PROCEDE POUR ELIMINER LES RISQUES INHERENTS A UN FONDS DE PENSION**

[72] MENZER, ERIC, US
[72] DANILOV, KONSTANTIN, FR
[72] O'CONNOR, JOSEPH, US
[72] PARTRIDGE, PAUL, CA
[72] REW, ALASDAIR, CA
[72] SAVVA, NADIA, CA
[72] ORLICH, STEVE, CA
[72] TOOMEY, NEAL, US
[72] MUHINA, IRINA, CA
[72] MEDINA, STEVE, US
[72] BOYDA, BOB, US
[71] MANULIFE ASSET MANAGEMENT LIMITED, CA
[22] 2012-12-20
[41] 2014-05-09
[30] US (13/672,997) 2012-11-09

[21] 2,799,923
[13] A1

[51] Int.Cl. B42F 13/16 (2006.01)

[25] EN

[54] **BINDER**

[54] **LIANT**

[72] LOREE, DALE, US
[72] WARNER, JIM, US
[71] AVERY DENNISON CORPORATION, US
[22] 2012-12-27
[41] 2014-05-08
[30] US (13/672,613) 2012-11-08

[21] 2,800,011
[13] A1

[51] Int.Cl. B60N 3/10 (2006.01)

[25] EN

[54] **BEVERAGE CONTAINER HOLDER**

[54] **SUPPORT POUR CONTENANT DE BOISSON**

[72] PEREIRA, JOSE TAVARES, CA
[71] PEREIRA, JOSE TAVARES, CA
[22] 2012-12-21
[41] 2014-05-07
[30] US (61/723,377) 2012-11-07

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<p align="center">[21] 2,806,961 [13] A1</p> <p>[51] Int.Cl. F16L 33/08 (2006.01) [25] EN [54] A STRAP-BAND TYPE CONNECTING DEVICE [54] DISPOSITIF DE CONNEXION DE TYPE A LANIERE [72] TAKAGI, RYUICHI, JP [72] KIMURA, SHIGENOBU, JP [71] SOGYO CO., LTD., JP [22] 2013-02-20 [41] 2014-05-06 [30] JP (2012-244262) 2012-11-06 [30] JP (2012-244398) 2012-11-06</p>	<p align="center">[21] 2,809,011 [13] A1</p> <p>[51] Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01) G05B 11/32 (2006.01) H02J 15/00 (2006.01) [25] EN [54] ADAPTIVE ENERGY MANAGEMENT SYSTEM [54] SYSTEME DE GESTION D'ENERGIE ADAPTATIVE [72] EMADI, ALI, CA [72] SIROUSPOUR, SHAHIN, CA [72] MALYSZ, PAWEL, CA [71] MCMASTER UNIVERSITY, CA [22] 2013-03-13 [41] 2014-05-06 [30] US (61/723,000) 2012-11-06</p>	<p align="center">[21] 2,809,525 [13] A1</p> <p>[51] Int.Cl. A63F 1/12 (2006.01) [25] EN [54] SHUFFLING MACHINE [54] DISPOSITIF BATTEUR DE CARTES [72] HO, CAI-SHIANG, TW [71] TAIWAN FULGENT ENTERPRISE CO., LTD., TW [22] 2013-03-13 [41] 2014-05-09 [30] US (13/673,839) 2012-11-09</p>
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 [13] A1

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- [25] EN
- [54] **ONCE-THROUGH STEAM GENERATOR**
- [54] **GENERATEUR DE VAPEUR A CIRCULATION OUVERTE**
- [72] STARK, DANIEL, US
- [72] TAYLOR, DARRYL, US
- [72] THOMPSON, ANTHONY A., US
- [72] PASHA, AKBER, US
- [72] FLANNERY, KELLY M., US
- [71] VOGT POWER INTERNATIONAL INC., US
- [22] 2013-08-02
- [41] 2014-05-08
- [30] US (61/724,051) 2012-11-08
- [30] US (13/954,761) 2013-07-30

[21] **2,825,463**
 [13] A1

- [51] **Int.Cl. G06T 5/00 (2006.01)**
- [25] EN
- [54] **SUBSTANCE SUBTRACTION IN A SCENE BASED ON HYPERSPECTRAL CHARACTERISTICS**
- [54] **SOUSTRACTION DE SUBSTANCE DANS UNE SCENE BASEE SUR DES CARACTERISTIQUES HYPERSPECTRALES**
- [72] OCCHIPINTI, BENJAMIN THOMAS, US
- [72] SEBASTIAN, THOMAS BABY, US
- [72] KUCZYNSKI, KONRAD ROBERT, US
- [72] BUEHLER, ERIC DANIEL, US
- [72] KELLY, RICHARD SHAWN, US
- [71] GE AVIATION SYSTEMS LLC, US
- [22] 2013-08-29
- [41] 2014-05-09
- [30] US (13/673,054) 2012-11-09

[21] **2,825,506**
 [13] A1

- [51] **Int.Cl. G01N 21/25 (2006.01)**
- [25] EN
- [54] **SPECTRAL SCENE SIMPLIFICATION THROUGH BACKGROUND SUBTRACTION**
- [54] **SIMPLIFICATION D'UNE SCENE SPECTRALE PAR LE BIAIS D'UNE SOUSTRACTION D'ARRIERE-PLAN**
- [72] OCCHIPINTI, BENJAMIN THOMAS, US
- [72] BUEHLER, ERIC DANIEL, US
- [72] SEBASTIAN, THOMAS BABY, US
- [72] KUCZYNSKI, KONRAD ROBERT, US
- [71] GE AVIATION SYSTEMS LLC, US
- [22] 2013-08-29
- [41] 2014-05-09
- [30] US (13/673,052) 2012-11-09

[21] **2,825,751**
 [13] A1

- [51] **Int.Cl. G06Q 20/40 (2012.01) H04W 4/24 (2009.01) H04W 12/08 (2009.01) G06Q 20/32 (2012.01)**
- [25] EN
- [54] **SYSTEM AND METHOD FOR INCREASING SECURITY IN INTERNET TRANSACTIONS**
- [54] **SYSTEME ET METHODE POUR AUGMENTER LA SECURITE DES TRANSACTIONS PAR INTERNET**
- [72] WEINSTEIN, ANDREW, US
- [72] ROY, KAUSHIK, US
- [71] SEQUENT SOFTWARE INC., US
- [22] 2013-08-27
- [41] 2014-05-05
- [30] US (13/669,006) 2012-11-05

[21] **2,826,511**
 [13] A1

- [51] **Int.Cl. C10G 32/02 (2006.01)**
- [25] EN
- [54] **TREATMENT PROCESS AND APPARATUS FOR REDUCING HIGH VISCOSITY IN PETROLEUM PRODUCTS, DERIVATIVES, AND HYDROCARBON EMULSIONS AND THE LIKE**
- [54] **PROCEDE DE TRAITEMENT ET APPAREIL POUR REDUIRE LA VISCOSITE ELEVEE DANS LES PRODUITS PETROLIERS, LES DERIVES, LES EMULSIONS D'HYDROCARBURE ET ELEMENTS SIMILAIRES**
- [72] SAIDAKOVSKY, LAZARUS, CA
- [72] RAKHINSKIY, SERGEY, CA
- [72] NOVIKO, NICOLAI, RU
- [71] SAIDAKOVSKY, LAZARUS, CA
- [71] RAKHINSKIY, SERGEY, CA
- [71] NOVIKO, NICOLAI, RU
- [22] 2013-09-05
- [41] 2014-05-09
- [30] US (13/987,031) 2013-06-27
- [30] US (61/796,354) 2012-11-09

[21] **2,826,534**
 [13] A1

- [51] **Int.Cl. G06T 11/00 (2006.01) G01B 11/24 (2006.01) G06T 17/00 (2006.01)**
- [25] EN
- [54] **BACKFILLING POINTS IN A POINT CLOUD**
- [54] **POINTS DE REMPLISSAGE DANS UN NUAGE DE POINTS**
- [72] MUNDHENK, TERRELL NATHAN, US
- [72] OWECHKO, YURI, US
- [72] KIM, KYUNG NAM, US
- [71] THE BOEING COMPANY, US
- [22] 2013-09-06
- [41] 2014-05-09
- [30] US (13/673,429) 2012-11-09

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[13] A1

[51] **Int.Cl. A47F 1/03 (2006.01) B65D 83/06 (2006.01)**
[25] EN
[54] **POWDER DISPENSING APPARATUS**
[54] **APPAREIL DE DISTRIBUTION DE POUDRE**
[72] GREEN, SCOTT, US
[72] WYATT, JOSEPH, US
[71] GREEN, SCOTT, US
[71] WYATT, JOSEPH, US
[22] 2013-10-09
[41] 2014-05-09
[30] US (13/673,288) 2012-11-09

[21] **2,829,517**
[13] A1

[51] **Int.Cl. C04B 35/624 (2006.01) C23C 22/05 (2006.01)**
[25] EN
[54] **CHROMIUM-FREE SILICATE-BASED CERAMIC COMPOSITIONS**
[54] **COMPOSITIONS DE CERAMIQUE A BASE DE SILICATES SANS CHROME**
[72] BELOV, IRINA, US
[72] COPELAND, DARYL G., US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
[22] 2013-10-08
[41] 2014-05-09
[30] US (13/673,007) 2012-11-09

[21] **2,829,525**
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) G03B 15/03 (2006.01)**
[25] EN
[54] **A BARRIER FOR A LENS**
[54] **ELEMENT DE PROTECTION D'OBJECTIF**
[72] MEIERLING, KLAUS-DIETER, DE
[71] BLACKBERRY LIMITED, CA
[22] 2013-10-11
[41] 2014-05-09
[30] EP (12191912.0) 2012-11-09

[21] **2,829,561**
[13] A1

[51] **Int.Cl. G01F 23/284 (2006.01) G01S 7/40 (2006.01) G01S 13/10 (2006.01)**
[25] EN
[54] **LEVEL MEASUREMENT INSTRUMENT FIDUCIAL DETECTION METHOD**
[54] **METHODE DE DETECTION DE REPERE DE CADRE A INSTRUMENT DE MESURE DE NIVEAU**
[72] TURCOTTE, CHRISTOPHER P., US
[72] LINDEN, MICHAEL J., US
[71] MAGNETROL INTERNATIONAL, INCORPORATED, US
[22] 2013-10-08
[41] 2014-05-06
[30] US (13/669,676) 2012-11-06

[21] **2,829,572**
[13] A1

[51] **Int.Cl. G01F 23/284 (2006.01) G01S 7/28 (2006.01)**
[25] EN
[54] **DIODE SWITCHED FRONT END FOR GUIDED WAVE RADAR LEVEL TRANSMITTER**
[54] **ETAGE D'ENTREE A COMMUTATION A DIODES POUR EMETTEUR DE NIVEAU RADAR A ONDES GUIDEES**
[72] FLASZA, MICHAEL D., US
[72] TANG, FENG, US
[71] MAGNETROL INTERNATIONAL, INCORPORATED, US
[22] 2013-10-08
[41] 2014-05-05
[30] US (13/668,775) 2012-11-05

[21] **2,829,633**
[13] A1

[51] **Int.Cl. H01Q 3/16 (2006.01) H01Q 1/28 (2006.01) H01Q 3/46 (2006.01)**
[25] EN
[54] **SPACE BORNE ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE AEROSPATIAL**
[72] FUGEN, THOMAS, DE
[72] VOLKER, MICHAEL, DE
[72] KLEIN, RAINER, DE
[72] ANGEVAIN, JEAN-CHRISTOPHE, NL
[71] ASTRUM GMBH, DE
[22] 2013-10-07
[41] 2014-05-08
[30] EP (12007610.4) 2012-11-08

[21] **2,829,651**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **RECESSED GROOVE FOR BETTER SUTURE RETENTION**
[54] **RAINURE EN CREUX POUR UNE MEILLEURE RETENTION DES SUTURES**
[72] BETTUCHI, MICHAEL J., US
[71] COVIDIEN LP, US
[22] 2013-10-10
[41] 2014-05-09
[30] US (13/673,148) 2012-11-09

[21] **2,829,699**
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01) A61J 9/00 (2006.01) B65D 43/00 (2006.01)**
[25] EN
[54] **VARIABLE FLOW TRAINING CUP**
[54] **GOBELET INVERSABLE A DEBIT VARIABLE**
[72] TRUDEAU, RAYMOND J., US
[72] RICHARD, MAXIME R., US
[72] DE LEO, ANTHONY M., US
[71] DART INDUSTRIES INC., US
[22] 2013-10-10
[41] 2014-05-07
[30] US (13/671,014) 2012-11-07

[21] **2,829,870**
[13] A1

[51] **Int.Cl. F21V 17/16 (2006.01) A47G 33/08 (2006.01) F21S 4/00 (2006.01) F21V 15/01 (2006.01) F21V 17/06 (2006.01)**
[25] EN
[54] **A LAMP HEAD FOR DECORATIVE LIGHT STRING**
[54] **TETE DE LAMPE POUR GUIRLANDE LUMINEUSE DECORATIVE**
[72] FAN, PONG YANG, CN
[71] HE SHAN LI DE ELECTRONIC ENTERPRISE COMPANY LTD., CN
[22] 2013-08-30
[41] 2014-05-07
[30] CN (201220585071.9) 2012-11-07

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[21] **2,830,037**
[13] A1

[51] Int.Cl. B24C 5/04 (2006.01) B24C 7/00 (2006.01)

[25] EN

[54] **TWIN LINE WET ABRASIVE BLASTING SYSTEM**

[54] **SYSTEME DE SABLAGE HUMIDE A DOUBLE CONDUITE**

[72] MCINTYRE, JOHN, CA

[71] MCINTYRE, JOHN, CA

[22] 2013-10-15

[41] 2014-05-09

[30] US (61/724,429) 2012-11-09

[21] **2,830,072**
[13] A1

[51] Int.Cl. H02G 3/02 (2006.01) H02G 3/08 (2006.01)

[25] EN

[54] **FIELD INSTALLABLE SUPPORT BRACKET ASSEMBLY**

[54] **ENSEMBLE CONSOLE DE SUPPORT POUVANT ETRE INSTALLE SUR PLACE**

[72] LUPSA, IOAN-LIVIU, CA

[72] DI LILLO, MICHELE, CA

[72] LALANCETTE, DANIEL, CA

[72] MCDONALD, BRIAN, CA

[72] VEILLETTE, MARC-ANTOINE, CA

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2013-10-11

[41] 2014-05-09

[30] US (61/724,307) 2012-11-09

[30] US (14/035,353) 2013-09-24

[21] **2,830,139**
[13] A1

[51] Int.Cl. A47B 57/06 (2006.01) A47B 45/00 (2006.01) A47B 96/07 (2006.01) A47K 5/00 (2006.01) A47K 17/00 (2006.01)

[25] EN

[54] **ADJUSTABLE STORAGE ASSEMBLY**

[54] **ENSEMBLE D'ENTREPOSAGE REGLABLE**

[72] VACCARO, JOSEPH, US

[72] MIKITA, ALEX, US

[71] ZENITH PRODUCTS CORPORATION, US

[22] 2013-10-17

[41] 2014-05-05

[30] US (61/722,476) 2012-11-05

[30] US (13/827,058) 2013-03-14

[21] **2,830,253**
[13] A1

[51] Int.Cl. F24F 11/00 (2006.01) H02J 15/00 (2006.01) H02N 2/18 (2006.01) H02N 11/00 (2006.01)

[25] EN

[54] **A SYSTEM FOR GENERATING ELECTRICAL ENERGY FROM WASTE ENERGY**

[54] **PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR D'ENERGIE RESIDUELLE**

[72] BERG, ERIC, US

[71] LENNOX INDUSTRIES INC., US

[22] 2013-10-17

[41] 2014-05-08

[30] US (13/672,071) 2012-11-08

[21] **2,830,561**
[13] A1

[51] Int.Cl. A61B 17/115 (2006.01)

[25] EN

[54] **SLANTED INTRODUCER FOR END-TO-END ANASTOMOSIS ANVIL**

[54] **INTRODUCTEUR INCLINE POUR ENCLUME D'ANASTOMOSE TERMINO-TERMINALE**

[72] WILLIAMS, JUSTIN, US

[71] COVIDIEN LP, US

[22] 2013-10-18

[41] 2014-05-09

[30] US (13/673,170) 2012-11-09

[21] **2,830,563**
[13] A1

[51] Int.Cl. A61B 17/115 (2006.01)

[25] EN

[54] **CIRCULAR STAPLER MECHANICAL LOCKOUT**

[54] **VERROUILLAGE MECANIQUE POUR AGRAFEUSE CIRCULAIRE**

[72] WILLIAMS, JUSTIN, US

[71] COVIDIEN LP, US

[22] 2013-10-18

[41] 2014-05-09

[30] US (13/673,116) 2012-11-09

[21] **2,830,623**
[13] A1

[51] Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01) F23J 15/02 (2006.01)

[25] EN

[54] **SOLID CO2 ADSORBENT MATERIAL SYSTEM**

[54] **SYSTEME DE MATERIAU ADSORBANT DE CO2 SOLIDE**

[72] ORITA, HISAYUKI, JP

[72] MUKAIDE, MASAOKI, JP

[72] YOSHIDA, NORIKO, JP

[72] KANEEDA, MASATO, JP

[72] SATO, HIROKI, JP

[72] YOSHIKAWA, KOHEI, JP

[71] HITACHI, LTD., JP

[22] 2013-10-22

[41] 2014-05-08

[30] JP (2012-245932) 2012-11-08

[21] **2,830,629**
[13] A1

[51] Int.Cl. B01F 15/02 (2006.01) B01F 3/12 (2006.01) B01F 5/00 (2006.01) B05C 17/005 (2006.01) B28C 5/38 (2006.01)

[25] EN

[54] **DEVICE FOR MIXING AND DISPENSING A PASTY MASS**

[54] **DISPOSITIF POUR MELANGER ET DISTRIBUER UNE MATIERE PATEUSE**

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL GMBH, DE

[22] 2013-10-18

[41] 2014-05-07

[30] DE (10 2012 021 676.9) 2012-11-07

[30] DE (10 2012 024 710.9) 2012-12-18

[21] **2,830,655**
[13] A1

[51] Int.Cl. A61M 31/00 (2006.01) A61K 9/08 (2006.01) A61L 27/54 (2006.01) A61P 31/04 (2006.01)

[25] EN

[54] **METHOD FOR RELEASE OF ACTIVE SUBSTANCES AND ACTIVE SUBSTANCE RELEASE SYSTEMS**

[54] **PROCEDE DE LIBERATION DE SUBSTANCES ACTIVES ET SYSTEMES DE LIBERATION DE SUBSTANCES ACTIVES**

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL GMBH, DE

[22] 2013-10-18

[41] 2014-05-07

[30] DE (10 2012 021 675.0) 2012-11-07

[30] DE (10 2012 025 143.2) 2012-12-21

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[21] 2,830,666
[13] A1

[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 50/00 (2012.01)
[25] EN
[54] QUANTITATIVE RISK ASSESSMENT METHODS AND SYSTEMS FOR RENEWABLE AND NON-RENEWABLE ENERGY PROJECTS
[54] METHODES ET SYSTEMES D'EVALUATION QUANTITATIVE DE RISQUE ET PROJETS D'ENERGIE RENOUVELABLE ET NON RENOUVELABLE
[72] CREAGH, ALEXANDER CHARLES, CA
[72] WATERS, CRYSTAL CHARMAINE, CA
[71] APPLIED RELIABILITY SOLUTIONS LTD., CA
[22] 2013-10-23
[41] 2014-05-05
[30] US (61/722,670) 2012-11-05

[21] 2,830,679
[13] A1

[51] Int.Cl. B60D 3/00 (2006.01) E01H 5/06 (2006.01)
[25] EN
[54] UNIVERSAL SNOW PLOW MOUNTING APPARATUS
[54] APPAREIL DE MONTAGE DE CHASSE-NEIGE UNIVERSEL
[72] SEELEY, BRUCE E., CA
[72] SEELEY, BRUCE E., CA
[71] SEELEY, BRUCE E., CA
[22] 2013-10-21
[41] 2014-05-05
[30] US (61/722,651) 2012-11-05

[21] 2,830,725
[13] A1

[51] Int.Cl. B65D 25/04 (2006.01)
[25] EN
[54] CARTRIDGE FOR AT LEAST TWO FLOWABLE COMPONENTS
[54] CARTOUCHE POUR AU MOINS DEUX COMPOSANTS FLUIDES
[72] SEIFER, RALF, AT
[72] OBRIST, MANFRED, AT
[71] SULZER MIXPAC AG, CH
[22] 2013-10-23
[41] 2014-05-08
[30] EP (12191712.4) 2012-11-08

[21] 2,830,951
[13] A1

[51] Int.Cl. A24C 5/06 (2006.01)
[25] EN
[54] TABLETOP AUTOMATIC CIGARETTE-MAKING MACHINE SAFETY SYSTEM
[54] SYSTEME DE SECURITE POUR MACHINE AUTOMATIQUE DE TABLE DESTINEE A FABRIQUER DES CIGARETTES
[72] LIN, MEI, US
[71] REPUBLIC TOBACCO L.P., US
[22] 2013-10-24
[41] 2014-05-07
[30] US (13/671,093) 2012-11-07

[21] 2,831,045
[13] A1

[51] Int.Cl. A61B 17/072 (2006.01) A61B 17/04 (2006.01)
[25] EN
[54] SURGICAL STAPLING APPARATUS INCLUDING BUTTRESS ATTACHMENT
[54] APPAREIL CHIRURGICAL D'AGRAFAGE COMPRENANT UNE FIXATION DE RENFORT
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2013-10-24
[41] 2014-05-09
[30] US (13/673,135) 2012-11-09

[21] 2,831,055
[13] A1

[51] Int.Cl. F16L 55/48 (2006.01)
[25] EN
[54] PIPELINE PIG SIGNAL TRIGGER CAVITY SEAL
[54] JOINT D'ETANCHEITE POUR CAVITE DE DECLenchement DE SIGNAL DE RACLEUR DE PIPELINE
[72] KLEMM, NATHAN, US
[72] LOGAN, MATT, US
[72] VAUGHN, MICHAEL, US
[71] TDW DELAWARE, INC., US
[22] 2013-10-23
[41] 2014-05-06
[30] US (13/669,989) 2012-11-06

[21] 2,831,092
[13] A1

[51] Int.Cl. G01B 21/20 (2006.01) A61B 5/107 (2006.01)
[25] EN
[54] COMBINING THREE-DIMENSIONAL SURFACES
[54] COMBINAISON DE SURFACES TRIDIMENSIONNELLES
[72] MASSARWA, FADY, IL
[72] SHEMESHI, TOAM, IL
[72] ILAN, IDO, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2013-10-24
[41] 2014-05-06
[30] US (13/669,511) 2012-11-06

[21] 2,831,114
[13] A1

[51] Int.Cl. B64D 47/00 (2006.01) B64C 13/02 (2006.01) B64D 11/00 (2006.01) G06F 3/041 (2006.01)
[25] EN
[54] AIRCRAFT HAPTIC TOUCH SCREEN AND METHOD FOR OPERATING SAME
[54] ECRAN TACTILE HAPTIQUE D'AERONEF ET PROCEDE D'UTILISATION DE CELUI-CI
[72] CATTON, LEWIS WILLIAM, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2013-10-24
[41] 2014-05-09
[30] GB (1220218.0) 2012-11-09

[21] 2,831,210
[13] A1

[51] Int.Cl. B65D 5/54 (2006.01) B65D 5/70 (2006.01)
[25] EN
[54] ADHESIVE PACKAGE
[54] CONDITIONNEMENT D'ADHESIF
[72] ULIBARRI, SCOTT, US
[72] ROURU, ANDY, US
[72] WIESE, KEVIN, US
[71] ADICO PRODUCTS, INC., US
[22] 2013-10-25
[41] 2014-05-06
[30] US (13/669,954) 2012-11-06

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[21] **2,831,215**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **PERFORMING INTEGRITY CHECKS ON CLIMATE CONTROL SYSTEM COMPONENTS**

[54] **EXECUTION DE VERIFICATIONS D'INTEGRITE SUR LES ELEMENTS D'UN SYSTEME DE REGULATION DE CLIMATISATION**

[72] BROKER, JOHN F., US
[72] HELLER, JOHN J., US
[71] EMERSON ELECTRIC CO., US
[22] 2013-10-25
[41] 2014-05-09
[30] US (61/724,642) 2012-11-09
[30] US (13/687,346) 2012-11-28

[21] **2,831,289**
[13] A1

[51] **Int.Cl. C07C 253/14 (2006.01) C07D 223/16 (2006.01) C07C 255/37 (2006.01)**
[25] EN
[54] **NEW PROCESS FOR THE SYNTHESIS OF (2E)-3(3,4-DIMETHOXYPHENYL)PROP-2-ENENITRILE AND APPLICATION IN THE SYNTHESIS OF IVABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID**

[54] **NOUVEAU PROCEDE DE SYNTHESE DE (2E)-3(3,4-DIMETHOXYPHENYL)PROP-2-ENENITRILE ET APPLICATION DANS LA SYNTHESE DE L'IVABRADINE ET DE SES SELS D'ADDITION A UN ACIDE PHARMACEUTIQUEMENTACCEPTABLE**

[72] CARRANZA, MARIA DEL PILAR, ES
[72] GARCIA ARANDA, MARIA ISABEL, ES
[72] GONZALEZ, JOSE LORENZO, ES
[72] SANCHEZ, FREDERIC, ES
[71] LES LABORATOIRES SERVIER, FR
[22] 2013-10-24
[41] 2014-05-08
[30] FR (12/60576) 2012-11-08

[21] **2,831,310**
[13] A1

[51] **Int.Cl. G08B 21/02 (2006.01) G01C 5/06 (2006.01)**
[25] EN
[54] **A FALL DETECTOR AND METHOD OF DETERMINING A FALL IN A SOCIAL ALARM SYSTEM**

[54] **DETECTEUR DE CHUTE ET PROCEDE POUR DETERMINER UNE CHUTE DANS UN SYSTEME D'ALARME SOCIAL**

[72] VALLANCE, CLIVE J., GB
[72] FARRELL-SMITH, RICHARD J., GB
[71] TUNSTALL GROUP LIMITED, GB
[22] 2013-10-30
[41] 2014-05-09
[30] GB (GB1220235.4) 2012-11-09

[21] **2,831,376**
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) G08B 6/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR SMART NOTIFICATIONS**

[54] **DISPOSITIF, SYSTEME ET METHODE POUR NOTIFICATIONS INTELLIGENTES**

[72] NGUYEN, NAM, VN
[71] BLACKBERRY LIMITED, CA
[22] 2013-10-29
[41] 2014-05-09
[30] EP (12192071.4) 2012-11-09

[21] **2,831,422**
[13] A1

[51] **Int.Cl. A01M 29/12 (2011.01)**
[25] EN
[54] **SUSTAINED RELEASE PHEROMONE FORMULATION**

[54] **FORMULE DE PHEROMONE A LIBERATION PROLONGEE**

[72] SAGUCHI, RYUICHI, JP
[72] ISHIBASHI, NAOKI, JP
[72] FUKUMOTO, TAKEHIKO, JP
[72] OGITANI, SATOSHI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[22] 2013-10-29
[41] 2014-05-08
[30] JP (2012-246445) 2012-11-08
[30] JP (2013-097470) 2013-05-07

[21] **2,831,438**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **A METHOD FOR REGENERATION OF SOLID AMINE CO₂ CAPTURE BEDS**

[54] **PROCEDE DE REGENERATION DE LITS DE CAPTURE DE CO₂ AMINES SOLIDES**

[72] BEDELL, STEPHEN ALAN, US
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-10-29
[41] 2014-05-05
[30] US (61/722,454) 2012-11-05
[30] US (13/924,074) 2013-06-21

[21] **2,831,494**
[13] A1

[51] **Int.Cl. F23D 14/12 (2006.01) F23N 3/00 (2006.01)**
[25] EN
[54] **MODULATING BURNER SYSTEM**

[54] **SYSTEME DE BRULEUR A MODULATION**

[72] CARUSO, PAT, CA
[71] SUPERIOR RADIANT PRODUCTS LTD., CA
[22] 2013-10-29
[41] 2014-05-05
[30] US (61/722,380) 2012-11-05

[21] **2,831,498**
[13] A1

[51] **Int.Cl. B41F 13/20 (2006.01) B41F 3/54 (2006.01) B41F 9/18 (2006.01) B41F 13/44 (2006.01)**
[25] EN
[54] **PRINTING CYLINDER ASSEMBLY FOR A PRINTING MACHINE**

[54] **ENSEMBLE CYLINDRE D'IMPRESSION POUR UNE MACHINE D'IMPRESSION**

[72] IZAWA, HIDEO, JP
[72] FUJIWARA, REISII, JP
[72] SATOU, KAZUHIKO, JP
[72] ODASHIMA, KAZUMI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2013-10-28
[41] 2014-05-06
[30] JP (2012-244359) 2012-11-06

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[21] 2,831,578
[13] A1

[51] **Int.Cl. H02K 1/06 (2006.01) H02K 1/16 (2006.01) H02K 1/22 (2006.01) B64D 41/00 (2006.01)**

[25] EN

[54] **WOUND FIELD FLUX SWITCHING MACHINE WITH SINUSOIDAL BACK ELECTROMOTIVE FORCE**

[54] **MACHINE A COMMUTATION DE FLUX A CHAMP ENROULE COMPRENANT UNE FORCE CONTRE-ELECTROMOTRICE SINUSOIDALE**

[72] MEEKER, DAVID C., US

[71] QINETIQ NORTH AMERICA, INC., US

[22] 2013-10-29

[41] 2014-05-05

[30] US (61/772,282) 2012-11-05

[30] US (13/849,760) 2013-03-25

[21] 2,831,589
[13] A1

[51] **Int.Cl. E05F 15/20 (2006.01) G08C 17/02 (2006.01) G08C 19/00 (2006.01) H04B 7/26 (2006.01)**

[25] EN

[54] **BARRIER OPERATOR FEATURE ENHANCEMENT**

[54] **AMELIORATION DE CARACTERISTIQUE D'OPERATEUR DE BARRIERE**

[72] CATE, CASPARUS, US

[72] FITZGIBBON, JAMES J., US

[72] KELLER, ROBERT R., JR., US

[72] MURRAY, JAMES SCOTT, US

[72] PUDIPEDDI, SAPTA GIREESH, US

[72] SORICE, CORY, US

[72] STANEK, GREGORY JOHN, US

[72] WILLMOTT, COLIN BARNES, US

[71] THE CHAMBERLAIN GROUP, INC., US

[22] 2013-10-29

[41] 2014-05-08

[30] US (13/671,602) 2012-11-08

[21] 2,831,660
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SHARING INVESTIGATION RESULTS**

[54] **SYSTEME ET METHODE POUR PARTAGER LES RESULTATS D'UNE ENQUETE**

[72] RICHARDS, KEVIN, US

[72] COHEN, DAVID, US

[72] TASINGA, KHAN, US

[71] PALANTIR TECHNOLOGIES, INC., US

[22] 2013-10-31

[41] 2014-05-05

[30] US (13/669,274) 2012-11-05

[21] 2,831,677
[13] A1

[51] **Int.Cl. B65B 1/32 (2006.01) B65B 1/12 (2006.01) B65B 39/00 (2006.01)**

[25] EN

[54] **PACKAGING OF POLYCRYSTALLINE SILICON**

[54] **EMBALLAGE DE SILICIUM POLYCRISTALLIN**

[72] LAZARUS, WERNER, DE

[72] FRAUNHOFER, CHRISTIAN, DE

[72] SCHMOELZ, HERBERT, DE

[72] VIETZ, MATTHIAS, AT

[71] WACKER CHEMIE AG, DE

[22] 2013-10-31

[41] 2014-05-09

[30] DE (10 2012 220 422.9) 2012-11-09

[21] 2,831,761
[13] A1

[51] **Int.Cl. H02G 3/22 (2006.01) H02G 3/08 (2006.01) E04F 17/08 (2006.01)**

[25] EN

[54] **RECESSED POKE-THROUGH FITTING**

[54] **RACCORD A INSERTION EN RETRAIT**

[72] DRANE, MARK R., US

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2013-10-30

[41] 2014-05-09

[30] US (61/724,709) 2012-11-09

[30] US (13/795,293) 2013-03-12

[21] 2,831,765
[13] A1

[51] **Int.Cl. A01F 15/00 (2006.01)**

[25] EN

[54] **CONTINUOUS SQUARE BALER**

[54] **RAMASSEUSE-PRESSE A BALLES RECTANGULAIRES CONTINUE**

[72] SIEBENGA, CHARLES, US

[71] SIEBENGA, CHARLES, US

[22] 2013-11-05

[41] 2014-05-05

[30] US (61/722,473) 2012-11-05

[21] 2,831,766
[13] A1

[51] **Int.Cl. E06B 3/48 (2006.01)**

[25] EN

[54] **INSULATING AND ORNAMENTAL SYSTEM FOR A GARAGE DOOR ASSEMBLY**

[54] **ISOLATION ET SYSTEME ORNEMENTAL POUR ENSEMBLE DE PORTE DE GARAGE**

[72] LIEFEBVRE, ERIC, CA

[71] ISO-PORTE INC., CA

[22] 2013-11-05

[41] 2014-05-08

[30] US (61/723,814) 2012-11-08

[21] 2,831,805
[13] A1

[51] **Int.Cl. G01N 21/25 (2006.01) G01J 3/12 (2006.01)**

[25] EN

[54] **MIXED-MATERIAL MULTISPECTRAL STARING ARRAY SENSOR**

[54] **CAPTEUR A REGARD FIXE MULTISPECTRAL EN MATERIAU HYBRIDE**

[72] SEBASTIAN, THOMAS BABY, US

[72] STOTZ, SARAH CHRISTINE MAAS, US

[72] BUEHLER, ERIC DANIEL, US

[72] OCCHIPINTI, BENJAMIN THOMAS, US

[71] GE AVIATION SYSTEMS LLC, US

[22] 2013-11-01

[41] 2014-05-09

[30] US (13/673,045) 2012-11-09

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[13] A1
[51] Int.Cl. H02G 3/02 (2006.01) B64D 45/02 (2006.01) H05K 9/00 (2006.01)
[25] EN
[54] MOUNTING BRACKET ASSEMBLY FOR AN ELECTRICAL CABLE
[54] ENSEMBLE SUPPORT DE FIXATION POUR UN CABLE ELECTRIQUE
[72] HUTCHINSON, RICKY NEIL, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2013-11-01
[41] 2014-05-07
[30] US (13/670,700) 2012-11-07

[21] 2,831,828
[13] A1
[51] Int.Cl. G05B 15/02 (2006.01) G06F 9/44 (2006.01) H04L 12/28 (2006.01) H04L 29/02 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR IMPLEMENTATION OF A SMART ENERGY PROFILE USING DATA-INTERCHANGE ENCODING
[54] SYSTEMES ET PROCEDES POUR LA MISE EN OEUVRE D'UN PROFIL ENERGETIQUE INTELLIGENT AU MOYEN DU CODAGE D'ECHANGE DE DONNEES
[72] JIANG, HYOUNG, US
[72] SAMPSON, DAVID, US
[72] MCKEOWN, JEREMY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-11-01
[41] 2014-05-06
[30] US (13/670,280) 2012-11-06

[21] 2,831,833
[13] A1
[51] Int.Cl. H04L 12/701 (2013.01) H04L 12/28 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR ROUTING HOME AREA NETWORK (HAN) MESSAGES
[54] SYSTEMES ET PROCEDES POUR ACHEMINER DES MESSAGES DE RESEAU DE REGION LOCALE
[72] JIANG, HYOUNG, US
[72] SAMPSON, DAVID, US
[72] MCKEOWN, JEREMY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-11-01
[41] 2014-05-06
[30] US (13/670,285) 2012-11-06

[21] 2,831,923
[13] A1
[51] Int.Cl. G06Q 10/04 (2012.01) G06F 17/18 (2006.01) G06Q 50/00 (2012.01)
[25] EN
[54] OILFIELD PRODUCTION FORECASTING SYSTEM
[54] SYSTEME DE PREVISION DE PRODUCTION D'UN CHAMP PETROLIFERE
[72] ROSSI, DAVID JOHN, US
[72] VAAL, RANDY J., US
[72] REAGAN, STEVE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2013-10-31
[41] 2014-05-09
[30] US (61/724,468) 2012-11-09
[30] US (13/748,938) 2013-01-24

[21] 2,831,926
[13] A1
[51] Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01)
[25] EN
[54] CONTROLLING A DATA STREAM
[54] COMMANDE DE FLUX DE DONNEES
[72] CAPUOZZO, GIUSEPPE, IT
[72] ONORATO, ORLANDO, IT
[72] ENEL, DONATELLA, IT
[72] DZALI, ELI KOMIAN, IT
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2013-11-01
[41] 2014-05-05
[30] EP (12 425 179.4 - 1907) 2012-11-05

[21] 2,831,972
[13] A1
[51] Int.Cl. G06F 1/20 (2006.01) E04H 3/00 (2006.01) F24F 3/00 (2006.01) F24F 5/00 (2006.01) G06F 1/30 (2006.01)
[25] EN
[54] MANUFACTURED DATA CENTER
[54] CENTRE DE DONNEES PREFABRIQUE
[72] LECKELT, LINDSEY, CA
[72] VIETSCH, RYAN, CA
[72] MACNEIL, ANDREW, CA
[72] WHITE, ANDREW, CA
[71] LEX INDUSTRIES LTD., CA
[22] 2013-10-31
[41] 2014-05-09
[30] US (61/724,347) 2012-11-09

[21] 2,832,018
[13] A1
[51] Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01) G06Q 50/02 (2012.01) E21B 43/00 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR OFFERING AND PROCURING WELL SERVICES
[54] PROCEDE ET SYSTEME POUR OFFRIR ET FOURNIR DES SERVICES DE Puits
[72] MURAVIYOVA, IRINA, US
[72] LAFFERTY, THEODORE B., JR., US
[72] MILLER, MATTHEW J., US
[72] SHAIKH, HUMAIR, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2013-10-31
[41] 2014-05-07
[30] US (61/723,560) 2012-11-07
[30] US (13/803,424) 2013-03-14

[21] 2,832,023
[13] A1
[51] Int.Cl. G06F 21/31 (2013.01)
[25] EN
[54] RISK ADJUSTED, MULTIFACTOR AUTHENTICATION
[54] AUTHENTIFICATION A FACTEURS MULTIPLES AJUSTEE EN FONCTION DU RISQUE
[72] TOOLE, ROBERT C., US
[72] HROMI, JONATHAN, US
[72] McDONOUGH, JOHN, US
[72] STERN, HADLEY RUPERT, US
[72] BROOKS, SETH WARREN, US
[71] FMR LLC, US
[22] 2013-10-31
[41] 2014-05-07
[30] US (13/670,698) 2012-11-07

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[21] 2,832,121
[13] A1

[51] Int.Cl. H04W 4/26 (2009.01) H04W 12/08 (2009.01) H04W 8/26 (2009.01)
[25] EN
[54] **HYBRID NETWORK BASED METERING SERVER AND TRACKING CLIENT FOR WIRELESS SERVICES**
[54] **SERVEUR DE COMPTAGE BASE UN RESEAU HYBRIDE ET SUIVI DE CLIENT POUR SERVICES SANS FIL**
[72] RAMPRASAD, SATISH, US
[72] RIVERA, SERGIO, US
[71] TRACFONE WIRELESS, INC., US
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[71] CGG SERVICES SA, FR
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[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **VERIFICATION DE CONTENANT AU MOYEN D'UNE PRISE ET D'UNE FICHE ELECTRIQUE ASSOCIEES A UN CONTENANT ET UN VEHICULE DE TRANSPORT D'UN SYSTEME DE TRANSPORT DE MARCHANDISES MULTIMODAL**
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[54] **SYSTEME DE GESTION DE BIENS SOUTERRAINS**
[72] RUSHING, WILLIAM C., US
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[71] INNOVATIVE TRAILER DESIGN TECHNOLOGIES INC., CA
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[54] **PNEUMATIQUE SEMI-CREUX A PROFIL AMELIORE ET ORGANE ROULANT EQUIPE DE TELS PNEUMATIQUES**
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[72] PLOU, DENIS, FR
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 [71] TRC SERVICES, INC., US
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 [71] ANDRITZ INC., US
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[72] CHENG, VIVIEN, BE
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[71] RICHARDSON, ALBERT S., JR., US
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[72] BROOKER, JAMES R., US
[71] OTIS PRODUCTS, INC. D/B/A OTIS TECHNOLOGY, US
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[54] **COMPTEUR D'UTILISATION DE CARBURANT**
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[72] CERIMELLI, DEAN, US
[72] DONOHUE, JEREMY, US
[71] U-HAUL INTERNATIONAL, INC., US
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[71] GIBSON, SHELDON, US
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[54] **CARBURATEUR HYBRIDE ET ENSEMBLE D'INJECTION DE CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE**
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[71] QFT HOLDINGS, INC., US
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[54] **SERIE DE ROUES DE TRANSMISSION A ENTRAINEMENT PAR PEDALES AVEC RAPPORT DE VITESSE PERIODIQUEMENT VARIABLE ET COMPORTANT UNE ROUE AUXILIAIRE DE TASSEMENT INTERIEURE**
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[54] **PIECES DE POMPE A BOUE RESISTANTES A L'USURE PRODUITES AU MOYEN D'UNE PRESSION ISOSTATIQUE A CHAUD**

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[72] REID, DAMIEN, CA

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[54] **VARIABLE PRINTING MACHINE**

[54] **MACHINE A IMPRIMER A FORMAT VARIABLE**

[72] IZAWA, HIDEO, JP

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[72] SATOU, KAZUHIKO, JP

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[72] SMITH, DUDLEY, US

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[54] **PRESSE DE GRANULATION A DISPOSITIF DE SECTIONNEMENT A LONGUEUR VOULUE POUR GRANULES FIBREUSES BIOGENES**

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[54] **CAPSULE DE BOISSON A FILTRE MOULABLE**

[72] FU, YUCHENG, CA

[72] TROMBETTA, LIBERATORE A., CA

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[54] **METHODES ET APPAREIL POUR GESTION DE FORCE DANS UN APPAREIL DE PROTECTION CONTRE LES CHUTES**

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[54] **PROCEDES DE NETTOYAGE CRYOGENIQUE POUR LA REPRISE ET LE RETRAITEMENT D'OUTILS DE CHAMP PETROLIFERE**
[72] WHITE, LONNIE DALE, US
[71] TRC SERVICES, INC., US
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[54] **OUTIL D'ORIFICE DE FRACTURE A REPONSE EN PRESSION A UTILISER DANS DES APPLICATIONS DE FRACTIONNEMENT HYDRAULIQUE**
[72] WATSON, ROGER, US
[72] DAHL, NEVIN, US
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[54] **OFFRE D'UN RABAIS D'ASSURANCE MULTI-CONTRATS LIE A L'ACHAT D'UN PRODUIT DE SERVICES FINANCIERS**
[72] ROLL, LEIF A., US
[72] PRUS, DAVID VINCENT, US
[72] WU, JUN, US
[72] HAYWARD, GREGORY LEE, US
[72] MENNING, DAVID LEE, US
[71] STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, US
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[54] **APPAREIL ET PROCEDES POUR FORMER DES STRATIFIES CONTENANT UN ADDITIF**
[72] HANDZIAK, PERRY, US
[71] CURT G. JOA, INC., US
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[54] **ORIFICES D'ACCUEIL D'INSTRUMENTS POUR ORIFICES D'ACCES DE CHIRURGIE TRANS-ENDOSCOPIQUES ET LAPAROSCOPIQUES**
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[72] TANG, BAO, CA
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[54] **SYSTEME ET PROCEDE DE TRANSMISSION D'INFORMATIONS DE COMMUNICATION**
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[54] **COMPOSITIONS ET PROCEDES LIES A L'ACIDE DESOXYCHOLIQUE ET A SES POLYMORPHES**

[72] PRASAD, ACHAMPETA, US

[72] SUBRAMANIAN, SANKAR, US

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[72] BEACHY, ROGER, US

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[71] DONALD DANFORTH PLANT SCIENCE CENTER, US

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[72] HEDTKE, ROBERT C., US

[72] SCHULTE, JOHN, US

[72] BRODEN, DAVID A., US

[71] ROSEMOUNT INC., US

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[54] **PATTERNED TRANSPARENT CONDUCTORS AND RELATED MANUFACTURING METHODS**

[54] **CONDUCTEURS TRANSPARENTS TEXTURES ET PROCEDES DE FABRICATION ASSOCIES**

[72] SRINIVAS, ARJUN DANIEL, US

[72] ROBINSON, MATTHEW R., US

[72] MITTAL, ALEXANDER, US

[72] YOUNG, MICHAEL EUGENE, US

[72] BUCHANAN, DAVID, US

[72] GEORGE, JOSEPH, US

[72] YOSHIOKA, YUKA, US

[71] INNOVA DYNAMICS, INC., US

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[30] US (61/536,985) 2011-09-20

[30] US (61/537,514) 2011-09-21

[30] US (61/539,415) 2011-09-26

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[51] **Int.Cl. G01N 21/88 (2006.01) F01D 21/00 (2006.01) G01P 3/38 (2006.01)**

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[54] **TRIGGER FOR BLADE IMAGING BASED ON A CONTROLLER**

[54] **DECLENCHEUR POUR L'IMAGERIE DE LAMES BASEE SUR UN CONTROLEUR**

[72] XIE, BINGLONG, US

[72] GENC, YAKUP, US

[72] DIERKES, FRANK, DE

[71] SIEMENS CORPORATION, US

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[25] EN
[54] **X-RAY INSPECTION SYSTEM THAT INTEGRATES MANIFEST DATA WITH IMAGING/DETECTION PROCESSING**
[54] **SYSTEME D'INSPECTION PAR RAYONS X INTEGRANT DES DONNEES DE MANIFESTE ET TRAITEMENT PAR IMAGERIE/DETECTION**
[72] PARIKH, SHIEHUL SAILESH, US
[72] SANKARANARAYANAN, BALAMURUGAN, US
[72] ABEL, JEFFREY BRYAN, US
[72] KUMAR, SIVA, US
[71] RAPISCAN SYSTEMS, INC., US
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[51] **Int.Cl. C12P 19/14 (2006.01) C12P 19/02 (2006.01) C12P 19/16 (2006.01)**
[25] EN
[54] **LIQUEFACTION AND SACCHARIFICATION OF GRANULAR STARCH AT HIGH CONCENTRATION**
[54] **LIQUEFACTION ET SACCHARIFICATION D'AMIDON GRANULAIRE A UNE CONCENTRATION ELEVEE**
[72] LEE, SUNG HO, US
[72] SHETTY, JAYARAMA K., US
[72] STROHM, BRUCE A., US
[71] DANISCO US INC., US
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[54] **VIDEO CODING WITH SUBSETS OF A REFERENCE PICTURE SET**
[54] **CODAGE VIDEO AVEC SOUS-ENSEMBLES D'UN ENSEMBLE D'IMAGES DE REFERENCE**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[71] QUALCOMM INCORPORATED, US
[85] 2014-03-20
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[54] **SURFACE FLOW FINISHING MACHINE**
[54] **MACHINE DE TRAITEMENT DE SURFACE AU TONNEAU**
[72] REDAELLI, PAOLO, IT
[71] REDAELLI, PAOLO, IT
[85] 2014-03-17
[86] 2012-11-21 (PCT/IB2012/002467)
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[13] A1
[51] **Int.Cl. H01R 4/28 (2006.01) F21L 4/00 (2006.01)**
[25] EN
[54] **BATTERY CONTACT FOR AN ELECTRONIC DEVICE**
[54] **CONTACT DE BATTERIE POUR UN DISPOSITIF ELECTRONIQUE**
[72] CHARTRAND, MATHIEU, CA
[71] WINVIC SALES, INC., CA
[85] 2014-03-21
[86] 2012-10-04 (PCT/CA2012/000924)
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[21] **2,849,535**
[13] A1
[51] **Int.Cl. F21S 11/00 (2006.01) E04D 13/03 (2006.01) E04F 17/06 (2006.01)**
[25] EN
[54] **DEVICE FOR CAPTURING, TRANSMITTING AND DIFFUSING NATURAL LIGHT INTO INTERIOR SPACES, WHICH COMPRISES A CONDUIT OF INVERTED FRUSTOPYRAMIDAL FORM AND A DIFFUSER UNIT THAT EMERGES TRANSVERSELY WITH RESPECT TO THE HORIZONTAL PLANE OF THE CEILING OF A ROOM**
[54] **DISPOSITIF CAPTEUR, TRANSMETTEUR ET DIFFUSEUR DE LUMIERE NATURELLE DANS DES ESPACES INTERIEURS, COMPRENANT UN CONDUIT EN FORME DE PYRAMIDE TRONQUEE INVERSEE, ET UN BLOC DIFFUSEUR EMERGEANT DE MANIERE TRANSVERSALE PAR RAPPORT AU PLAN HORIZONTAL DU FAUX PLAFOND D'UNE PIECE**
[72] SILVA ROQUEFORT, REBECA JAZMIN MILLARAY, CL
[72] WOLFF CECCHI, MARIA CECILIA, CL
[71] UNIVERSIDAD DE CHILE, CL
[85] 2014-03-21
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[54] **SOLAR TRACKER**
[54] **DISPOSITIF DE SUIVI SOLAIRE**
[72] SIDDIQUI, KAMRAN, CA
[72] HASSAN, HASSAN, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[13] A1

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[25] EN
[54] **SEATBACK HOLDER FOR TABLET COMPUTERS**
[54] **SUPPORT DE DOS DE SIEGE POUR TABLETTES ELECTRONIQUES**
[72] HONTZ, JEFFREY W., US
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLENN A., US
[71] BE AEROSPACE, INC., US
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[13] A1

[51] **Int.Cl. C04B 41/63 (2006.01) H01L 31/048 (2014.01)**
[25] EN
[54] **PREPARATION OF CEMENTITIOUS ARTICLES WITH A HIGH SURFACE FINISH FOR USE IN ELECTRICAL DEVICES**
[54] **PREPARATION D'ARTICLES CIMENTAIRES AYANT UNE FINITION DE SURFACE ELEVEE POUR UTILISATION DANS DES DISPOSITIFS ELECTRIQUES**
[72] ALFANI, ROBERTA, IT
[72] CAPONE, CLAUDIA, IT
[72] ROMBOLA' OTTAVIO, ANTONIO, IT
[71] ITALCEMENTI S.P.A., IT
[85] 2014-03-21
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[13] A1

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[25] EN
[54] **SULFUR-CONTAINING PALLADIUM/CARBON CATALYST, PREPARATION METHOD THEREFOR, AND METHOD FOR PREPARING P-PHENYLENEDIAMINE ANTIOXIDANT**
[54] **CATALYSEUR PALLADIUM SUR CHARBON CONTENANT DU SOUFRE, SON PROCEDE DE PREPARATION, ET PROCEDE POUR LA PREPARATION D'ANTIOXYDANT P-PHENYLENEDIAMINE**
[72] LI, XIAONIAN, CN
[72] ZHANG, QUNFENG, CN
[72] CHEN, XINMIN, CN
[72] FENG, FENG, CN
[72] MA, LEI, CN
[72] LU, CHUNSHAN, CN
[72] LI, CHUNSHENG, CN
[71] JIANGSU SINORGCHEM TECHNOLOGY CO., LTD., CN
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[21] **2,849,564**
[13] A1

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[25] EN
[54] **(HETERO)ARYL CYCLOPROPYLAMINE COMPOUNDS AS LSD1 INHIBITORS**
[54] **COMPOSES D'(HETERO)ARYL-CYCLOPROPYLAMINE A TITRE D'INHIBITEURS DE LSD1**
[72] ORTEGA MUNOZ, ALBERTO, ES
[72] FYFE, MATHEW COLIN THOR, ES
[72] MARTINELL PEDEMONTE, MARC, ES
[72] ESTIARTE MARTINEZ, MARIA DE LOS ANGELES, ES
[72] VALLS VIDAL, NURIA, ES
[72] KURZ, GUIDO, ES
[72] CASTRO PALOMINO LARIA, JULIO CESAR, ES
[71] ORYZON GENOMICS, S.A., ES
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[87] (WO2013/057322)
[30] EP (11382324.9) 2011-10-20
[30] EP (11382329.8) 2011-10-27
[30] US (61/558,370) 2011-11-10
[30] US (61/558,369) 2011-11-10

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[13] A1

[51] **Int.Cl. G06F 15/177 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR SCHEDULING PROCESSOR CORE IN MULTIPROCESSOR CORE SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME PERMETTANT D'EFFECTUER UNE PLANIFICATION DANS UN SYSTEME DE COEUR MULTIPROCESSEURS**
[72] YU, JIAQIANG, CN
[72] ZHENG, WEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-03-21
[86] 2013-02-01 (PCT/CN2013/071272)
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[30] CN (201210217579.8) 2012-06-28

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[13] A1

[51] Int.Cl. B01F 5/04 (2006.01) B01F 3/04 (2006.01) B03D 1/24 (2006.01)

[25] EN

[54] **DISPERSION NOZZLE, FLOTATION MACHINE EQUIPPED THEREWITH, AND METHOD FOR OPERATING SAME**

[54] **BUSE A DISPERSION, MACHINE DE FLOTTATION EQUIPEE DE LADITE BUSE ET PROCEDE DE FONCTIONNEMENT DE LADITE MACHINE DE FLOTTATION**

[72] BLENDINGER, STEFAN, DE

[72] FLECK, ROBERT, DE

[72] FRANKE, GEROLD, DE

[72] GROSSMANN, LILLA, DE

[72] HARTMANN, WERNER, DE

[72] KRIEGLSTEIN, WOLFGANG, DE

[71] SIEMENS AKTIENGESSELLSCHAFT, DE

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[30] EP (11182473.6) 2011-09-23

[21] 2,849,574
[13] A1

[51] Int.Cl. F16D 65/092 (2006.01) F16D 55/226 (2006.01) F16D 65/095 (2006.01)

[25] EN

[54] **DISK BRAKE AND BRAKE PAD FOR A DISK BRAKE**

[54] **FREIN A DISQUE ET GARNITURE DE FREIN POUR FREIN A DISQUE**

[72] SCHOENAUER, MANFRED, DE

[71] KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH, DE

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[87] (WO2013/045275)

[30] DE (10 2011 115 213.3) 2011-09-28

[21] 2,849,579
[13] A1

[51] Int.Cl. A01G 9/14 (2006.01) A01G 9/22 (2006.01)

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[54] **GREENHOUSE SCREEN**

[54] **GRILLE DE SERRE**

[72] ANDERSSON, HANS, SE

[72] HOLGERSON, PER, SE

[71] AB LUDVIG SVENSSON, SE

[85] 2014-03-21

[86] 2012-09-18 (PCT/EP2012/068356)

[87] (WO2013/041524)

[30] SE (1150865-2) 2011-09-22

[30] US (61/537,605) 2011-09-22

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[51] Int.Cl. C40B 40/10 (2006.01) C07K 14/435 (2006.01) C12Q 1/48 (2006.01) C40B 30/00 (2006.01) C40B 30/08 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)

[25] EN

[54] **METHODS AND COMPOSITIONS FOR CHARACTERIZING PHENOTYPES USING KINOME ANALYSIS**

[54] **PROCEDES ET COMPOSITIONS DE CARACTERISATION DE PHENOTYPES AU MOYEN D'UNE ANALYSE DU KINOME**

[72] TROST, BRETT, CA

[72] KUSALIK, ANTHONY, CA

[72] NAPPER, SCOTT, CA

[72] ROBERTSON, ALBERT, CA

[72] GRIEBEL, PHILIP, CA

[71] TROST, BRETT, CA

[71] KUSALIK, ANTHONY, CA

[71] NAPPER, SCOTT, CA

[71] ROBERTSON, ALBERT, CA

[71] GRIEBEL, PHILIP, CA

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[87] (WO2013/041925)

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[30] US (61/619,902) 2012-04-03

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[54] **A METHOD AND AN APPARATUS FOR DEVELOPING SOFTWARE**

[54] **PROCEDE ET APPAREIL DE DEVELOPPEMENT DE LOGICIELS**

[72] RAZA, AHMAD, PK

[71] RAZA, AHMAD, PK

[71] AHMED, SHEIKH AFZAAL, PK

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[86] 2012-09-10 (PCT/IB2012/001736)

[87] (WO2013/041930)

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[13] A1

[51] Int.Cl. B01J 19/24 (2006.01) B01J 14/00 (2006.01) C01B 15/06 (2006.01)

[25] EN

[54] **DEVICE AND METHOD FOR MAKING A DILUTE AQUEOUS SOLUTION OF PEROXOMONOSULPHURIC ACID**

[54] **DISPOSITIF ET PROCEDE POUR FABRIQUER UNE SOLUTION AQUEUSE DILUEE D'ACIDE PEROXOMONOSULFURIQUE**

[72] STESEL, PETER, NZ

[72] TOWNSEND, DARREN, NZ

[72] BARRATT, THOMAS, NZ

[71] EVONIK DEGUSSA GMBH, DE

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[87] (WO2013/041546)

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[13] A1

[51] Int.Cl. H01B 17/14 (2006.01)

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[54] **ELECTRICAL INSULATOR AND METHOD OF PRODUCTION**

[54] **ISOLANT ELECTRIQUE ET PROCEDE DE PRODUCTION**

[72] KAMPE, ANDERS, SE

[72] JOHANSSON, DANIEL, SE

[71] ABB TECHNOLOGY AG, CH

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[13] A1

[51] **Int.Cl. C12N 15/867 (2006.01) C07K 14/16 (2006.01)**
[25] EN
[54] **USE OF NON-SUBTYPE B GAG PROTEINS FOR LENTIVIRAL PACKAGING**
[54] **UTILISATION DE PROTEINES GAG NON DE SOUS-TYPE B POUR L'EMBALLAGE LENTIVIRAL**
[72] TRAN, THI-LAN, FR
[72] CHARNEAU, PIERRE, FR
[72] BAUCHE, CECILE, FR
[71] THERAVECTYS, FR
[71] INSTITUT PASTEUR, FR
[85] 2014-03-21
[86] 2012-09-25 (PCT/IB2012/002363)
[87] (WO2013/046034)
[30] EP (11306222) 2011-09-26

[21] **2,849,662**
[13] A1

[51] **Int.Cl. C08F 220/24 (2006.01) C08F 212/08 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **FLUORINE-CONTAINING COPOLYMER AND SURFACE MODIFYING AGENT CONTAINING SAME AS ACTIVE INGREDIENT**
[54] **COPOLYMERE CONTENANT DU FLUOR ET AGENT DE MODIFICATION DE SURFACE LE CONTENANT COMME INGREDIENT ACTIF**
[72] FUJITA, YUKO, JP
[72] KANEUMI, YOSHIYAMA, JP
[71] UNIMATEC CO., LTD., JP
[85] 2014-03-21
[86] 2012-10-11 (PCT/JP2012/076264)
[87] (WO2013/058156)
[30] JP (2011-228825) 2011-10-18

[21] **2,849,663**
[13] A1

[51] **Int.Cl. D21H 19/28 (2006.01)**
[25] EN
[54] **USE OF AN AQUEOUS DISPERSION OF BIODEGRADABLE POLYESTERS**
[54] **UTILISATION D'UNE DISPERSION AQUEUSE DE POLYESTERS BIODEGRADABLES**
[72] REN, LIQUN, DE
[72] FERNANDEZ RAMIREZ, GIMMY ALEX, DE
[72] SEYFFER, HERMANN, DE
[72] SKUPIN, GABRIEL, DE
[71] BASF SE, DE
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[87] (WO2013/041649)
[30] EP (11182610.3) 2011-09-23

[21] **2,849,667**
[13] A1

[51] **Int.Cl. F16L 15/04 (2006.01) C10M 103/02 (2006.01) C10M 105/32 (2006.01) C10M 129/40 (2006.01) C10M 159/04 (2006.01) C10M 159/24 (2006.01)**
[25] EN
[54] **TUBULAR THREADED JOINT HAVING IMPROVED HIGH TORQUE PERFORMANCE**
[54] **RACCORD FILETE TUBULAIRE AUX PERFORMANCES DE COUPLE ELEVE AMELIOREES**
[72] GOTO, KUNIO, JP
[72] TANAKA, YUJI, JP
[72] YAMAMOTO, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-03-21
[86] 2012-11-16 (PCT/JP2012/080403)
[87] (WO2013/073712)
[30] JP (2011-253187) 2011-11-18

[21] **2,849,669**
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01)**
[25] EN
[54] **NOVEL SERINE PROTEASE VARIANTS**
[54] **NOUVEAUX VARIANTS DE LA SERINE PROTEASE**
[72] BARTH, STEFAN, DE
[72] SCHIFFER, SONJA, DE
[72] HEHMANN-TITT, GRIT, DE
[71] PHARMEPARTIS GMBH, DE
[85] 2014-03-21
[86] 2012-09-21 (PCT/EP2012/068607)
[87] (WO2013/041659)
[30] US (61/538,368) 2011-09-23
[30] EP (11007764.1) 2011-09-23

[21] **2,849,671**
[13] A1

[51] **Int.Cl. B22D 11/124 (2006.01) B22D 11/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING SURFACE TEMPERATURE OF CAST SLAB**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE TEMPERATURE DE SURFACE D'UNE LIGNE DE COULEE**
[72] HONDA, TATSURO, JP
[72] UEMATSU, CHIIHIRO, JP
[72] INOUE, YOICHI, JP
[72] TAJIMA, NAOKI, JP
[72] MIZUNO, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[86] 2013-08-27 (PCT/JP2013/072860)
[87] (WO2014/034657)
[30] JP (2012-187188) 2012-08-28

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[13] A1

[51] Int.Cl. C07K 14/605 (2006.01) A61K 38/00 (2006.01)

[25] EN

[54] NOVEL GLUCAGON ANALOGUES

[54] NOUVEAUX ANALOGUES DU GLUCAGON

[72] LAU, JESPER F., DK

[72] KRUSE, THOMAS, DK

[72] THOGERSEN, HENNING, DK

[72] SENSFUSS, ULRICH, DK

[72] NIELSEN, PETER KRESTEN, DK

[71] NOVO NORDISK A/S, DK

[85] 2014-03-21

[86] 2012-09-21 (PCT/EP2012/068649)

[87] (WO2013/041678)

[30] EP (11182476.9) 2011-09-23

[30] US (61/539,148) 2011-09-26

[21] 2,849,675
[13] A1

[51] Int.Cl. A63H 33/04 (2006.01) A63H 33/08 (2006.01) A63H 33/10 (2006.01)

[25] EN

[54] SAWTOOTH STRUCTURE AND TOY BLOCK COMPRISING THE STRUCTURE

[54] STRUCTURE EN DENTS DE SCIE ET BLOC-JOUET COMPRENANT LA STRUCTURE

[72] KIM, SANG HOON, KR

[71] KAJIN GROUP PTE. LTD., SG

[71] SYNTHIA JAPAN CO., LTD., JP

[85] 2014-03-21

[86] 2012-09-20 (PCT/KR2012/007536)

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[54] INSTALLATION PISCICOLE, MODULE, PROCEDE ET UTILISATION

[72] MAABO, RUNE, NO

[71] PRELINE FISHFARMING SYSTEM AS, NO

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[54] APPAREIL ET PROCEDE DE SOUDAGE EN BOUT PAR ETINCELAGE DE LIGNES DE CHEMIN DE FER

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[54] DIESEL OXIDATION CATALYST WITH LAYERED STRUCTURE CONTAINING CERIA COMPOSITION AS PALLADIUM SUPPORT MATERIAL FOR ENHANCED HC AND CO GAS CONVERSION

[54] CATALYSEUR D'OXYDATION DIESEL A STRUCTURE EN COUCHES, CONTENANT UNE COMPOSITION D'OXYDE DE CERIUM COMME MATERIAU DE SUPPORT DE PALLADIUM POUR CONVERSION DE GAZ HC ET CO AMELIOREE

[72] GRUBERT, GERD, DE

[72] NEUBAUER, TORSTEN, DE

[72] PUNKE, ALFRED, DE

[72] HILGENDORFF, MARCUS, DE

[72] MULLER-STACH, TORSTEN, DE

[72] GERLACH, OLGA, DE

[72] WEI, XINYI, US

[72] HOKE, JEFFREY, US

[72] SUNG, SHIANG, US

[72] ROTH, STANLEY, US

[71] BASF SE, DE

[71] BASF CORPORATION, US

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[54] BUCKET FOR CRUSHING INERT MATERIAL

[54] GODET POUR BROUVER UN MATERIAU INERTE

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[72] AZZOLIN, GUIDO, IT

[71] MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A., IT

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[54] PHENYLIMIDE-CONTAINING BENZOTHAZOLE DERIVATIVE OR ITS SALT AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

[54] DERIVE DE BENZOTHAZOLE CONTENANT PHENYLIMIDE OU SON SEL ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT

[72] HUR, YOUN, KR

[72] KIM, DONG-HYUN, KR

[72] KIM, EUN-KYUNG, KR

[72] PARK, JIN-HWI, KR

[72] JOO, JAE-EUN, KR

[72] KANG, HO-WOONG, KR

[72] OH, SE-WOONG, KR

[72] KIM, DONG-KYUN, KR

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[54] **SULFUR-CONTAINING POLYUREAS AND METHODS OF USE**

[54] **POLYUREES CONTENANT DU SOUFRE ET PROCEDES D'UTILISATION**

[72] CAI, JUEXIAO, US

[72] HOBBS, STEPHEN J., US

[72] ITO, MARFI, US

[72] MORAVEK, SCOTT J., US

[72] LIN, RENHE, US

[71] PRC-DESOTO INTERNATIONAL, INC., US

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[54] **METHOD FOR THE CONTROLLING AND FEEDING OF A POWER PLANT AND POWER PLANT**

[54] **PROCEDE DE COMMANDE ET D'ALIMENTATION D'UNE CENTRALE, ET CENTRALE**

[72] PISKORZ, TOMASZ TADEUSZ, PL

[72] PISKORZ, WALDEMAR, PL

[71] PISKORZ, TOMASZ TADEUSZ, PL

[71] PISKORZ, WALDEMAR, PL

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[54] **MODIFIED ALBUMIN-BINDING DOMAINS AND USES THEREOF TO IMPROVE PHARMACOKINETICS**

[54] **DOMAINES DE LIAISON A L'ALBUMINE MODIFIES ET UTILISATIONS DE CEUX-CI POUR AMELIORER LA PHARMACOCINETIQUE**

[72] CASTANHEIRA AIRES DA SILVA, FREDERICO NUNO, PT

[72] VOLKER CORTE-REAL, SOFIA, PT

[72] FERREIRA LLORENTE GRANCHIO LOURENCO, SARA, PT

[71] TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA, PT

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[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**

[54] **CHARGES TRAITEES, COMPOSITIONS CONTENANT CELLES-CI, ET ARTICLES PREPARES A PARTIR DE CELLES-CI**

[72] MARTIN, JUSTIN J., US

[72] OKEL, TIMOTHY A., US

[72] KOLLAH, RAPHAEL O., US

[71] PPG INDUSTRIES OHIO, INC., US

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[54] **METHOD FOR SEALING A FUEL TANK**

[54] **PROCEDE POUR ETANCHER UN RESERVOIR DE CARBURANT**

[72] HOTTIN, MATHIEU, FR

[72] BAILLY, DOMINIQUE, FR

[71] DAHER AEROSPACE, FR

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[54] **ROMIDEPSIN AND 5 - AZACITIDINE FOR USE IN TREATING LYMPHOMA**

[54] **ROMIDEPSINE ET 5 - AZACITIDINE POUR L'UTILISATION DANS LE TRAITEMENT D'UN LYMPHOMME**

[72] DUMMER, REINHARD, CH

[72] ROZATI, SIMA, CH

[71] CELGENE CORPORATION, US

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- [25] EN
- [54] **PREVENTING CELL THERMAL RUNAWAY PROPAGATION WITHIN A BATTERY**
- [54] **PREVENTION DE LA PROPAGATION D'UN EMBALLEMENT THERMIQUE D'ELEMENTS AU SEIN D'UNE BATTERIE**
- [72] MUNIZ, THOMAS P., US
- [71] ZEE.AERO INC., US
- [85] 2014-03-11
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- [54] **TRAITEMENT DE LA CACHEXIE**
- [72] SIMARD, JOHN, US
- [71] XBIOTECH, INC., CA
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- [25] EN
- [54] **COMPOUND HAVING MODULATORY ACTIVITY WITH A COMMENSURATE EFFECT, PHARMACEUTICAL SUBSTANCE (VARIANTS), APPLICATION OF PHARMACEUTICAL SUBSTANCE, PHARMACEUTICAL AND PARAPHARMACEUTICAL FORMULATION (VARIANTS), METHOD OF PREPARATION OF PHARMACEUTICAL COMPOSITIONS**
- [54] **SUBSTANCE PHARMACEUTIQUE (ET VARIANTES) ET COMPOSITIONS OBTENUES SUR LA BASE DE CELLE-CI ET POSSEDANT UNE ACTIVITE MODULATRICE AVEC UN EFFET COMMENSURABLE**
- [72] AKHAPKINA, VALENTINA IVANOVNA, RU
- [72] AKHAPKIN, ROMAN VITALYEVICH, RU
- [71] AKHAPKINA, VALENTINA IVANOVNA, RU
- [71] AKHAPKIN, ROMAN VITALYEVICH, RU
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- [54] **ADJUSTABLE FRACTURING HEAD AND MANIFOLD SYSTEM**
- [54] **SYSTEME DE COLLECTEUR ET DE TETE DE FRACTURATION REGLABLE**
- [72] GUIDRY, KIRK P., US
- [71] CAMERON INTERNATIONAL CORPORATION, US
- [85] 2014-03-21
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- [54] **MOTORIZED BLOWER ASSEMBLIES, AND METHODS OF MAKING SAME**
- [54] **ENSEMBLES SOUFFLEURS MOTORISES ET LEURS PROCEDES DE FABRICATION**
- [72] CALICO, JOHN M., US
- [72] BEVAN, JEFFREY S., US
- [72] MCCOY, DENNIS R., US
- [71] MOOG INC., US
- [85] 2014-03-21
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- [25] EN
- [54] **WATER-SAVING LIQUID-GAS PROCESSING SYSTEM BASED ON EQUILIBRIUM MOISTURE OPERATION**
- [54] **SYSTEME DE TRAITEMENT LIQUIDE-GAZ ECONOMISEUR D'EAU BASE SUR L'EQUILIBRE HYGROMETRIQUE**
- [72] MARTIN, CHRISTOPHER L., US
- [72] ZHUANG, YE, US
- [71] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US
- [85] 2014-03-21
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[54] **APPARATUS, SYSTEM AND METHODS FOR MEASURING A BLOOD PRESSURE GRADIENT**

[54] **APPAREIL, SYSTEME ET PROCEDE DE MESURE D'UN GRADIENT DE PRESSION ARTERIELLE**

[72] CARON, ERIC, CA
[72] BILODEAU, LUC, CA
[72] PAQUETTE, MICHEL, CA
[71] THREE RIVERS CARDIOVASCULAR SYSTEMS INC., CA

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[54] **SYSTEM AND METHOD FOR SENSOR-BASED DETERMINATION OF USER ROLE, LOCATION, AND/OR STATE OF ONE OF MORE IN-VEHICLE MOBILE DEVICES AND ENFORCEMENT OF USAGE THEREOF**

[54] **SYSTEME ET PROCEDE DE DETERMINATION, EN FONCTION DE CAPTEURS, DU ROLE D'UTILISATEUR, DE POSITION ET/OU D'ETAT D'UN OU PLUSIEURS DISPOSITIFS MOBILES A BORD ET DE MISE EN APPLICATION DE LEUR UTILISATION**

[72] ABRAMSON, DAN, US
[72] POMERANTZ, ITZHAK, IL
[72] POMERANTZ, SARIT, IL
[72] KASHTAN, YUVAL, IL
[72] KOLIN, ANDREI, IL
[72] SOFFER, GUY, IL
[71] CELLEPATHY LTD., IL

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[54] **ADJUSTABLE FRACTURING SYSTEM**

[54] **SYSTEME DE FRACTURATION REGLABLE**

[72] GUIDRY, KIRK P., US
[72] CAVANAGH, JAMES D., US
[72] SHIRLEY, BRANDON B., US
[71] CAMERON INTERNATIONAL CORPORATION, US

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[54] **PROCEDES DE THERAPIE GENIQUE AMELIORES**

[72] NEGRE, OLIVIER, FR
[72] PAYEN, EMMANUEL, FR
[72] LEBOULCH, PHILIPPE, FR
[72] BEUZARD, YVES, FR
[71] BLUEBIRD BIO, INC., US

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[54] **METHOD FOR DESIGNING NON-ROUND SOFT CONTACT LENSES**

[54] **PROCEDE PERMETTANT DE CONCEVOIR DES LENTILLES DE CONTACT SOUPLES QUI NE SONT PAS RONDES**

[72] GERLIGAND, PIERRE-YVES, US
[72] JUBIN, PHILIPPE F., US
[72] CLUTTERBUCK, TIMOTHY A., US
[72] DAMODHARAN, RADHAKRISHNAN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US

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[54] **FOLDERS AND RELATED FOLDER ASSEMBLY AND METHODS**

[54] **CHEMISES DE CLASSEMENT ET PROCEDES ET ASSEMBLAGE DE CHEMISES DE CLASSEMENT S'Y RAPPORTANT**

[72] SATO, JAY K., US
[72] BOWMAN, VINCENT H., US
[71] AVERY DENNISON CORPORATION, US

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[25] EN

[54] **VEHICLE CONTROL SYSTEMS AND METHODS AND RELATED VEHICLES**

[54] **SYSTEMES ET PROCEDES DE COMMANDE DE VEHICULE ET VEHICULES ASSOCIES**

[72] BUCHANAN, PETER, US
[71] MTD PRODUCTS INC, US

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[54] **MODULAR TISSUE SECUREMENT SYSTEMS**

[54] **SYSTEMES MODULAIRES DE FIXATION DE TISSUS**

[72] LINDH, DAVID, US
[72] ROUSSEAU, ROBERT, US
[71] ETHICON, INC., US

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[54] RESTRICTION DE L'UTILISATION D'UN DISPOSITIF MOBILE
[72] ABRAMSON, DAN, US
[72] POMERANTZ, ITZHAK, IL
[72] KASHITAN, YUVAL, IL
[72] IR, SEAN, IL
[72] INBAR, OHAD, IL
[72] LAVIE, TALIA, IL
[72] GIGI, SHAY, IL
[71] CELLEPATHY LTD., IL
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[25] EN
[54] AMIDE COMPOUNDS, COMPOSITIONS AND APPLICATIONS THEREOF
[54] COMPOSES AMIDES, COMPOSITIONS ET APPLICATIONS DE CEUX-CI
[72] KHARUL, RAJENDRA, IN
[72] BHUNIYA, DEBNATH, IN
[72] MOOKHTIAR, KASIM A., IN
[72] SINGH, UMESH, IN
[72] HAZARE, ATUL, IN
[72] PATIL, SATISH, IN
[72] DATRANGE, LAXMIKANT, IN
[72] THAKKAR, MAHESH, IN
[71] ADVINUS THERAPEUTICS LIMITED, IN
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[30] IN (3308/CHE/2011) 2011-09-23

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[51] Int.Cl. E21B 21/06 (2006.01)
[25] EN
[54] SYSTEM AND METHOD OF CLARIFYING DRILLING MUD AND A HYDROPHILIC LIQUID OR SOLUTION FOR USE IN CLARIFYING DRILLING MUD
[54] SYSTEME ET PROCEDE DE CLARIFICATION DE BOUE DE FORAGE ET LIQUIDE OU SOLUTION HYDROPHILE DESTINE A ETRE UTILISE POUR LA CLARIFICATION DE BOUE DE FORAGE
[72] SCHEIDE, JURGEN D., US
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[85] 2014-03-21
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[54] IMPLANT PELVIEN ET PROCEDE DE TRAITEMENT
[72] HACKER, DEAN W., US
[72] JAGGER, KARL A., US
[72] WILKE, BENJAMIN M., US
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[72] FELTON, JESSICA E., US
[71] AMS RESEARCH CORPORATION, US
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[54] EXAMINING AN INTEGRATED CIRCUIT
[54] PROCEDE PERMETTANT DE DIFFERENCIER DES DISPOSITIFS A CANAL P ET A CANAL N SUR LA BASE DE DIFFERENTES VITESSES DE GRAVURE
[72] KLIBANOV, LEV, CA
[72] SZKARLAT, ROBERT, CA
[72] CAMPBELL, JEFFREY, CA
[71] CHIPWORKS, INCORPORATED, CA
[85] 2014-03-05
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[87] (WO2013/045973)

[21] 2,849,730
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[51] Int.Cl. B26B 21/56 (2006.01) B26B 21/22 (2006.01) B26B 21/40 (2006.01)
[25] EN
[54] RAZOR BLADE, RAZOR HEAD, AND METHOD OF MANUFACTURE
[54] LAME DE RASOIR, TETE DE RASOIR, ET PROCEDE DE FABRICATION
[72] DAVOS, VASILEIOS, GR
[72] PAPACHRISTOS, VASSILIS, GR
[72] EFTHIMIADIS, DIMITRIOS, GR
[72] ZAFIROPOULOS, PANAGIOTIS, GR
[72] SKOUNAKIS, NIKOLAOS, GR
[72] KOMIANOS, IOANNIS, GR
[72] KAROUSSIS, MICHALIS, GR
[72] PAPAGEORGIOU, ANASTASIOS, GR
[71] BIC-VIOLEX SA, GR
[85] 2014-03-19
[86] 2012-10-08 (PCT/EP2012/069883)
[87] (WO2013/050606)
[30] EP (PCT/EP2011/067451) 2011-10-06

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[54] **BUFFERED UPPER GI ABSORPTION PROMOTER AGENT D'AMELIORATION DE L'ABSORPTION GASTRO-INTESTINALE (GI) SUPERIEURE TAMPONNE**

[72] BORTZ, JONATHAN, US
[72] HARTLE, JENNIFER, US
[71] AMIP, US
[85] 2014-03-21
[86] 2012-09-24 (PCT/US2012/056944)
[87] (WO2013/044246)
[30] US (61/538,028) 2011-09-22
[30] US (13/625,652) 2012-09-24

[21] **2,849,734**
[13] A1

[51] **Int.Cl. A61B 17/42 (2006.01) A61F 2/00 (2006.01)**

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[54] **INTRA-VAGINAL DEVICES AND METHODS FOR TREATING FECAL INCONTINENCE**

[54] **DISPOSITIFS INTRA-VAGINAUX ET PROCEDES DE TRAITEMENT DE L'INCONTINENCE ANALE**

[72] ROSEN, MILES HARRIS, US
[72] HERBOWY, STEVEN LAWRENCE, US
[72] BRENNER, JACOB SAMUEL, US
[71] PELVALON, INC., US
[85] 2014-03-21
[86] 2012-09-24 (PCT/US2012/056923)
[87] (WO2013/044239)
[30] US (61/538,095) 2011-09-22
[30] US (61/704,433) 2012-09-21

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[13] A1

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[54] **IMPROVED FORMULATIONS OF RECOMBINANT HUMAN BILE SALT-STIMULATED LIPASE FORMULATIONS AMELIOREES DE LIPASE STIMULEE PAR LES SELS BILIAIRES HUMAINE RECOMBINEE**

[72] EK, VILHELM, SE
[71] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE
[85] 2014-03-21
[86] 2012-09-25 (PCT/SE2012/051011)
[87] (WO2013/048313)
[30] SE (1150874-4) 2011-09-26

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[13] A1

[51] **Int.Cl. C12N 15/867 (2006.01) C07K 14/025 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **HUMAN KERATINOCYTES PTCHI CELL LINE**

[54] **LIGNEE CELLULAIRE PTCHI DE KERATINOCYTES HUMAINS**

[72] BURTY, ELODIE, FR
[72] MAGNALDO, THIERRY, FR
[72] GACHE, YANNICK, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[71] CNRS, FR
[85] 2014-03-21
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[87] (WO2013/041724)
[30] US (61/538,594) 2011-09-23

[21] **2,849,735**
[13] A1

[51] **Int.Cl. C08J 11/04 (2006.01) A01G 13/02 (2006.01) A61L 11/00 (2006.01) B09B 3/00 (2006.01) C05F 9/00 (2006.01) C05F 11/02 (2006.01) C05G 3/04 (2006.01) E04B 7/22 (2006.01) E04D 13/16 (2006.01) A61F 13/49 (2006.01)**

[25] EN

[54] **DISPOSABLE DIAPER RECYCLING AND APPLICATIONS THEREOF**

[54] **RECYCLAGE DE COUCHES JETABLES ET APPLICATIONS**

[72] ZHANG, WEI, US
[72] YANG, HAILING, US
[71] ZYNNOVATION LLC, US
[85] 2014-03-21
[86] 2012-09-24 (PCT/US2012/056967)
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[30] US (61/538,565) 2011-09-23

[21] **2,849,737**
[13] A1

[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/02 (2006.01) C02F 3/12 (2006.01)**

[25] EN

[54] **USE OF PRIMARY SLUDGE FOR CARBON SOURCE IN AN AERATED-ANOXIC BIOREACTOR SYSTEM**

[54] **UTILISATION D'UNE BOUE PRIMAIRE COMME SOURCE DE CARBONE DANS UN SYSTEME DE BIOREACTEUR AERE-ANOXIQUE**

[72] LARSEN, THOMAS J., US
[72] DOYLE, MICHAEL L., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2014-03-21
[86] 2012-09-25 (PCT/US2012/057086)
[87] (WO2013/049046)
[30] US (61/539,007) 2011-09-26

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[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) C07K 14/005 (2006.01) C07K 14/025 (2006.01) C07K 14/15 (2006.01) C12N 5/10 (2006.01) C12N 15/867 (2006.01)**

[25] EN

[54] **FIBROBLASTS CELLULAR MODEL FOR ASSESSING EFFICACY OF CANCER TREATMENTS BY SHH/PTCH PATHWAY ANTAGONISTS**

[54] **MODELE CELLULAIRE DE FIBROBLASTES POUR L'ESTIMATION DE L'EFFICACITE DE TRAITEMENTS ANTICANCEREUX PAR DES ANTAGONISTES DE LA VOIE SHH/PTCH**

[72] BURTY, ELODIE, FR

[72] MAGNALDO, THIERRY, FR

[72] GACHE, YANNICK, FR

[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[71] CNRS, FR

[85] 2014-03-21

[86] 2012-09-24 (PCT/EP2012/068777)

[87] (WO2013/041725)

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[21] **2,849,739**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/16 (2006.01)**

[25] EN

[54] **MONITORING, DIAGNOSTIC AND TRACKING TOOL FOR AUTONOMOUS MOBILE ROBOTS**

[54] **OUTIL DE SUIVI, DE DIAGNOSTIC ET DE SUIVI POUR ROBOTS MOBILES AUTONOMES**

[72] WOLFE, DAVID G., US

[72] LUCAS, GEORGE F., US

[72] SWANEY, MARK, US

[71] AETHON, INC., US

[85] 2014-03-21

[86] 2012-09-21 (PCT/US2012/056632)

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[21] **2,849,740**
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[54] **TAILORED INTERFACES BETWEEN OPTICAL MATERIALS**

[54] **INTERFACES SUR MESURE ENTRE MATERIAUX OPTIQUES**

[72] BOWMAN, STEVEN R., US

[72] FLOREA, CATALIN M., US

[72] SANGHERA, JASBINDER S., US

[72] SHAW, LESLIE BRANDON, US

[72] AGGARWAL, ISHVAR D., US

[72] BUSSE, LYNDA E., US

[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US

[85] 2014-03-21

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[21] **2,849,741**
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C07K 14/025 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **A HUMAN EPITHELIAL CELL LINE FOR 3D -MODELIZING OF CANCER AND TREATMENT THEREOF**

[54] **LIGNEE CELLULAIRE EPITHELIALE HUMAINE POUR LA MODELISATION 3D DU CANCER ET TRAITEMENT ASSOCIE**

[72] BURTY, ELODIE, FR

[72] MAGNALDO, THIERRY, FR

[72] GACHE, YANNICK, FR

[72] AUBERT, JEROME, FR

[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[71] CNRS, FR

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[51] **Int.Cl. G03F 7/24 (2006.01) G03B 27/32 (2006.01) G03F 7/20 (2006.01)**

[25] EN

[54] **OPTICAL RECORDING HEAD AND IMAGE FORMING APPARATUS**

[54] **TETE D'ENREGISTREMENT OPTIQUE ET DISPOSITIF DE FORMATION D'IMAGE**

[72] MORIWAKI, HAJIME, JP

[71] NEC ENGINEERING, LTD., JP

[85] 2014-03-21

[86] 2012-08-30 (PCT/JP2012/072012)

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[21] **2,849,744**
[13] A1

[51] **Int.Cl. A61B 16/00 (2006.01)**

[25] EN

[54] **GROSSING STATION**

[54] **POSTE DE MACROSCOPIE**

[72] HALLMAN, GEORGE, US

[71] MOPEC, INC., US

[85] 2014-03-21

[86] 2012-09-26 (PCT/US2012/057210)

[87] (WO2013/049117)

[30] US (13/200,636) 2011-09-27

[21] **2,849,745**
[13] A1

[51] **Int.Cl. B65D 85/808 (2006.01)**

[25] EN

[54] **DISPOSABLE SINGLE USE BEVERAGE PACKAGE**

[54] **EMBALLAGE JETABLE ET A USAGE UNIQUE POUR BOISSON**

[72] COOK, MATTHEW R., US

[72] FU, THOMAS Z., US

[71] LBP MANUFACTURING INC., US

[85] 2014-03-21

[86] 2012-09-18 (PCT/US2012/055910)

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **ANTI-ICAM-1 ANTIBODIES TO TREAT MULTIPLE-MYELOMA RELATED DISORDERS**

[54] **ANTICORPS ANTI-ICAM-1 DESTINES AU TRAITEMENT DE TROUBLES LIES A UN MYELOME MULTIPLE**

[72] HANSSON, MARKUS, SE

[71] BIOINVENT INTERNATIONAL AB, SE

[85] 2014-03-21

[86] 2012-09-27 (PCT/EP2012/069132)

[87] (WO2013/045580)

[30] GB (1116774.9) 2011-09-29

[21] **2,849,747**
[13] A1

[51] **Int.Cl. C12P 19/12 (2006.01) C07H 3/04 (2006.01) C12P 19/16 (2006.01) C12P 19/18 (2006.01) C12P 19/20 (2006.01) C12N 9/10 (2006.01)**

[25] EN

[54] **PRODUCTION METHOD FOR POWDER CONTAINING CRYSTALLINE .ALPHA., .ALPHA.-TREHALOSE DIHYDRATE**

[54] **PROCEDE DE PRODUCTION D'UNE POUDRE CONTENANT UN DIHYDRATE D'.,?-TREHALOSE CRISTALLIN**

[72] SHIBUYA, TAKASHI, JP

[72] IZAWA, SEISUKE, JP

[71] HAYASHIBARA CO., LTD., JP

[85] 2014-03-21

[86] 2012-09-12 (PCT/JP2012/073266)

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[30] JP (2012-168474) 2012-07-30

[21] **2,849,748**
[13] A1

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[54] **LOW TEMPERATURE ADSORBENT FOR REMOVING SULFUR FROM FUEL**

[54] **ADSORBANT A BASSE TEMPERATURE POUR ELIMINER LE SOUFRE DE COMBUSTIBLE**

[72] NOVAK, WILLIAM J., US

[72] GATT, JOSEPH E., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2014-03-21

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[30] US (13/622,043) 2012-09-18

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[51] **Int.Cl. B01D 53/14 (2006.01) F26B 3/12 (2006.01)**

[25] EN

[54] **DRY SORBENT INJECTION DURING NON-STEADY STATE CONDITIONS IN DRY SCRUBBER**

[54] **INJECTION D'UNE MATIERE ABSORBANTE SECHE DANS UN EPURATEUR A SEC EN REGIME TRANSITOIRE**

[72] JANKURA, BRYAN J, US

[72] SILVA, ANTHONY A, US

[72] CAMPOBENEDETTO, EDWARD J, US

[71] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US

[85] 2014-03-21

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[87] (WO2013/049058)

[30] US (61/540,806) 2011-09-29

[30] US (13/548,150) 2012-07-12

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[13] A1

[51] **Int.Cl. C08B 15/02 (2006.01) D21H 11/18 (2006.01) D21H 11/20 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING CELLULOSE NANOFIBERS**

[54] **PROCEDE DE FABRICATION DE NANOFIBRES DE CELLULOSE**

[72] TSUJI, SHIHO, JP

[72] FUKAZAWA, MASAHICO, JP

[72] MIYAWAKI, SHOICHI, JP

[72] IIMORI, TAKESHI, JP

[71] NIPPON PAPER INDUSTRIES CO., LTD., JP

[85] 2014-03-21

[86] 2012-09-13 (PCT/JP2012/073437)

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[30] JP (2011-216425) 2011-09-30

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- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 25/00 (2006.01)
- [25] EN
- [54] NOVEL CHIRAL N-ACYL-5,6,7,8-SUBSTITUTED)-TETRAHYDRO-[1,2,4]TRIAZOLO[4,3-A]PYRAZINES AS SELECTIVE NK-3 RECEPTOR ANTAGONISTS, PHARMACEUTICAL COMPOSITION, METHODS FOR USE IN NK-3 RECEPTOR MEDIATED DISORDERS AND CHIRAL SYNTHESIS THEREOF
- [54] NOUVELLES N-ACYL-5,6,7,8-TETRAHYDRO[1,2,4]TRIAZOLO[4,3-A]PYRAZINES 8-SUBSTITUEES CHIRALES UTILISEES COMME ANTAGONISTES SELECTIFS DES RECEPTEURS NK-3, COMPOSITION PHARMACEUTIQUE, PROCEDES DESTINES A ETRE UTILISES DANS DES TROUBLES A MEDIATION PAR LE RECEPTEUR NK-3 ET LEUR SYNTHSE CHIRALE
- [72] HOVEYDA, HAMID, BE
- [72] DUTHEUIL, GUILLAUME, BE
- [72] FRASER, GRAEME, BE
- [72] ROY, MARIE-ODILE, FR
- [72] EL BOUSMAQUI, MOHAMED, FR
- [72] BATT, FREDERIC, FR
- [71] EUROSREEN S.A., BE
- [85] 2014-03-21
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- [30] US (61/543,611) 2011-10-05

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- [25] EN
- [54] METHOD FOR PRODUCING POLYPEPTIDE FRAGMENT WITH HIGH EFFICIENCY, WHICH IS SUITABLE FOR NCL METHOD
- [54] PROCEDE D'OBTENTION DE FRAGMENT POLYPEPTIDIQUE DE RENDEMENT ELEVE, QUI EST APPROPRIE POUR UN PROCEDE NCL
- [72] KAJIHARA, YASUHIRO, JP
- [72] OKAMOTO, RYO, JP
- [72] KIMURA, MOTOHARU, JP
- [72] ISHII, KAZUYUKI, JP
- [71] GLYTECH, INC., JP
- [85] 2014-03-21
- [86] 2012-09-21 (PCT/JP2012/074239)
- [87] (WO2013/047372)
- [30] JP (2011-210007) 2011-09-26

- [21] 2,849,753
[13] A1
- [51] Int.Cl. G01S 13/88 (2006.01) A01M 29/10 (2011.01) G01S 13/48 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR DETECTING ANIMALS IN THREE DIMENSIONAL SPACE AND FOR INDUCING AN AVOIDANCE RESPONSE IN AN ANIMAL
- [54] PROCEDE ET SYSTEME POUR DETECTER DES ANIMAUX DANS UN ESPACE TRIDIMENSIONNEL ET INDUIRE UNE REACTION D'EVITEMENT CHEZ UN ANIMAL
- [72] RONNING, DONALD, US
- [71] RONNING, DONALD, US
- [85] 2014-03-21
- [86] 2012-09-19 (PCT/US2012/055977)
- [87] (WO2013/043636)
- [30] US (61/626,308) 2011-09-23
- [30] US (61/626,377) 2011-09-26
- [30] US (61/641,152) 2012-05-01

- [21] 2,849,754
[13] A1
- [51] Int.Cl. A61K 38/00 (2006.01) A23J 3/08 (2006.01) A23J 3/34 (2006.01) A23K 1/00 (2006.01) A23K 1/08 (2006.01) A23K 1/165 (2006.01) A23L 1/00 (2006.01) A23L 1/03 (2006.01) A61K 8/64 (2006.01) A61K 8/66 (2006.01) A61K 38/16 (2006.01) A61K 38/44 (2006.01) A61P 25/02 (2006.01) A61Q 19/00 (2006.01)
- [25] EN
- [54] SENSATION-IMPROVING AGENT
- [54] AGENT AIGUISANT LES SENS
- [72] KATO, KEN, JP
- [72] UENO, HIROSHI, JP
- [72] ONO, YUKO, JP
- [72] UEDA, NORIKO, JP
- [72] KOBAYASHI, TOSHIYA, JP
- [72] MORIYA, TAKAHIRO, JP
- [72] OBARA, YUTARO, JP
- [71] MEGMILK SNOW BRAND CO., LTD., JP
- [85] 2014-03-21
- [86] 2012-10-02 (PCT/JP2012/075544)
- [87] (WO2013/051572)
- [30] JP (2011-220444) 2011-10-04

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[13] A1
- [51] Int.Cl. C09K 8/02 (2006.01)
- [25] EN
- [54] PROPPANT MATERIALS AND METHODS OF TAILORING PROPPANT MATERIAL SURFACE WETTABILITY
- [54] MATERIAUX DE SOUTÈNEMENT ET MODULATION DE LA MOUILLABILITE DE LEUR SURFACE
- [72] GREEN, JOHN WILLIAM, US
- [72] TERRACINA, JOHN MARIO, US
- [72] BORGES, JERRY FRANCIS, US
- [72] SPILLARS, SCOTT EDWARD, US
- [72] MAH, SAMANTHA HUIXIAN, US
- [71] MOMENTIVE SPECIALTY CHEMICALS INC., US
- [85] 2014-03-21
- [86] 2012-09-26 (PCT/US2012/057372)
- [87] (WO2013/049235)
- [30] US (61/541,253) 2011-09-30
- [30] US (61/549,083) 2011-10-19

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[21] **2,849,756**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 31/549 (2006.01)**
[25] EN
[54] **BROAD-SPECTRUM ANTIMICROBIAL COMPOSITIONS BASED ON COMBINATIONS OF TAUROLIDINE AND PROTAMINE AND MEDICAL DEVICES CONTAINING SUCH COMPOSITIONS**
[54] **COMPOSITION ANTIMICROBIENNE A LARGE SPECTRE A BASE DE COMBINAISONS DE TAUROLIDINE ET DE PROTAMINE ET DISPOSITIFS MEDICAUX EN CONTENANT**
[72] PRIEWE, JOERG, DE
[72] MING, XINTIAN, US
[71] ETHICON, INC., US
[85] 2014-03-21
[86] 2012-09-26 (PCT/US2012/057258)
[87] (WO2013/049149)
[30] US (13/248,290) 2011-09-29

[21] **2,849,757**
[13] A1

[51] **Int.Cl. H04W 12/08 (2009.01)**
[25] EN
[54] **MANAGING MOBILE DEVICE APPLICATIONS ON A MOBILE DEVICE**
[54] **GESTION D'APPLICATIONS POUR DISPOSITIF MOBILE SUR UN DISPOSITIF MOBILE**
[72] PECEN, MARK E., CA
[72] ANDERSEN, NIELS PETER SKOV, DK
[72] PERIYALWAR, SHALINI SURESH, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[71] BLACKBERRY LIMITED, CA
[71] CERTICOM CORP., CA
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056651)
[87] (WO2013/044086)
[30] US (13/242,016) 2011-09-23

[21] **2,849,758**
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01) C09C 1/36 (2006.01) C09C 3/06 (2006.01)**
[25] EN
[54] **TREATED INORGANIC PIGMENTS HAVING IMPROVED DISPERSABILITY AND USE THEREOF IN COATING COMPOSITIONS**
[54] **PIGMENTS INORGANIQUES TRAITES PRESENTANT UNE DISPERSIBILITE AMELIOREE ET UTILISATION ASSOCIEE DANS DES COMPOSITIONS DE REVETEMENT**
[72] DIEBOLD, MICHAEL PATRICK, US
[72] KRAITER, DANIEL C., US
[72] RUSNAK, ERIC, US
[72] SHIH, AGINGU, TW
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2014-03-21
[86] 2012-10-11 (PCT/US2012/059767)
[87] (WO2013/062781)
[30] US (61/552,709) 2011-10-28

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[25] EN
[54] **ROTARY-HANDLE LATCH**
[54] **VERROU A POIGNEE ROTATIVE**
[72] DO, THAI, US
[72] PAN, CHI, US
[71] ALCOA INC., US
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[30] US (13/285,323) 2011-10-31

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[25] EN
[54] **DUAL FUNCTION PROTEINS FOR TREATING METABOLIC DISORDERS**
[54] **PROTEINES A DOUBLE FONCTION POUR LE TRAITEMENT DE TROUBLES DU METABOLISME**
[72] BOETTCHER, BRIAN R., US
[72] CAPLAN, SHARI L., US
[72] CELLITTI, SUSAN E., US
[72] DANIELS, DOUGLAS S., US
[72] HAMAMATSU, NORIO, US
[72] GEIERSTANGER, BERNHARD HUBERT, US
[72] LICHT, STUART, US
[72] LOEW, ANDREAS, US
[72] WELDON, STEPHEN CRAIG, US
[71] IRM LLC, BM
[71] NOVARTIS AG, CH
[85] 2014-03-21
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[87] (WO2013/049234)
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[54] **MANAGING MOBILE DEVICE APPLICATIONS IN A WIRELESS NETWORK**
[54] **GESTION D'APPLICATIONS POUR DISPOSITIF MOBILE DANS UN RESEAU SANS FIL**
[72] PECEN, MARK E., CA
[72] ANDERSEN, NIELS PETER SKOV, DK
[72] PERIYALWAR, SHALINI SURESH, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[71] BLACKBERRY LIMITED, CA
[71] CERTICOM CORP., CA
[85] 2014-03-21
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[25] EN
[54] TREATED INORGANIC PIGMENTS HAVING IMPROVED DISPERSABILITY AND USE THEREOF IN PAPER PRODUCTS
[54] PIGMENTS INORGANIQUE TRAITES POSSEDANT UN DEGRE DE DISPERSION AMELIORE ET LEUR UTILISATION DANS LES PRODUITS A BASE DE PAPIER
[72] DIEBOLD, MICHAEL PATRICK, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2014-03-21
[86] 2012-10-11 (PCT/US2012/059773)
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[30] US (61/552,725) 2011-10-28

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[51] Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01) A61F 2/28 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR SPINAL INTERBODY FUSION INCLUDING FIXATION OR LOCKING PLATE
[54] PROCEDE ET APPAREIL POUR UNE FUSION INTERCORPORELLE DE VERTEBRES COMPRENANT UNE PLAQUE DE FIXATION OU DE VERROUILLAGE
[72] VESTGAARDEN, TOV INGE, US
[71] VESTGAARDEN, TOV INGE, US
[85] 2014-03-21
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[25] EN
[54] STACKABLE CABLE REEL WITH FIELD DATA DISTRIBUTION SYSTEM
[54] BOBINE DE CABLE EMPILABLE A SYSTEME DE DISTRIBUTION DE DONNEES DE TERRAIN
[72] THOMPSON, ALVIN, US
[72] COMLEY, CECIL, US
[72] COMLEY, JAMES, US
[72] COMLEY, JOHN, US
[71] DT SEARCH & DESIGNS LLC, US
[85] 2014-03-21
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[25] EN
[54] MANAGING MOBILE DEVICE APPLICATIONS
[54] GESTION D'APPLICATIONS POUR DISPOSITIF MOBILE
[72] PECEN, MARK E., CA
[72] ANDERSEN, NIELS PETER SKOV, DK
[72] PERIYALWAR, SHALINI SURESH, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[71] BLACKBERRY LIMITED, CA
[71] CERTICOM CORP., CA
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[30] US (13/242,051) 2011-09-23

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[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01)
[25] EN
[54] HYBRID CONSTANT REGIONS
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[72] TSO, J. YUN, US
[72] TSURUSHITA, NAOYA, US
[71] JN BIOSCIENCES LLC, US
[85] 2014-03-21
[86] 2012-09-26 (PCT/US2012/057393)
[87] (WO2013/049254)
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[51] Int.Cl. C09D 11/00 (2014.01) B41M 1/06 (2006.01) C09D 11/02 (2014.01)
[25] EN
[54] ADDITIVES TO LITHO INKS TO ELIMINATE INK FEEDBACK
[54] ADDITIFS A DES ENCRE LITHOGRAPHIQUES POUR ELIMINER UNE RETROACTION D'ENCRE
[72] KRISHINAN, RAMASAMY, US
[72] JONES, JEFF, US
[72] HELLIBLAU, MATTHIAS, DE
[71] SUN CHEMICAL CORPORATION, US
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[86] 2012-09-20 (PCT/US2012/056415)
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[54] **ANALYSE DE LA DYNAMIQUE D'UN TRAIN DE TIGES DE FORAGE UTILISANT UN CAPTEUR DE VITESSE ANGULAIRE**
[72] BARTEL, ROGER P., US
[72] BERNIS, RICHARD, US
[72] MAULDIN, CHARLES L., US
[71] PRECISION ENERGY SERVICES, INC., US
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[25] EN
[54] **AUTHENTICATION PROCEDURES FOR MANAGING MOBILE DEVICE APPLICATIONS**
[54] **PROCESSUS D'AUTHENTIFICATION POUR GERER DES APPLICATIONS DE DISPOSITIF MOBILE**
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[72] ANDERSEN, NIELS PETER SKOV, DK
[72] PERIYALWAR, SHALINI SURESH, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[71] BLACKBERRY LIMITED, CA
[71] CERTICOM CORP., CA
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[25] EN
[54] **DOUBLE LAYER SOLAR HEATING-AND-COOLING THERMOSYPHON SYSTEM**
[54] **SYSTEME A THERMOSIPHON POUR CHAUFFAGE ET REFROIDISSEMENT SOLAIRES A DOUBLE COUCHE**
[72] TEOH, SIANG TEIK, MY
[71] TEOH, SIANG TEIK, MY
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ANALYZING HETEROGENEOUS SAMPLES**
[54] **COMPOSITIONS ET PROCEDES POUR ANALYSER DES ECHANTILLONS HETEROGENES**
[72] SELIGSON, DAN, US
[72] SNYDER, THOMAS, US
[71] IMMUMETRIX, LLC, US
[85] 2014-03-21
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[30] US (61/537,875) 2011-09-22
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[54] **TISSU FONCTIONNEL A ZONES**
[72] BLACKFORD, MICHAEL WOODY, E., US
[72] MERGY, JEFFREY, US
[71] COLUMBIA SPORTSWEAR NORTH AMERICA, INC., US
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[25] EN
[54] **TREATED INORGANIC CORE PARTICLES HAVING IMPROVED DISPERSABILITY**
[54] **PARTICULES DE CŒUR INORGANIQUES TRAITEES AYANT UNE APTITUDE A LA DISPERSION AMELIOREE**
[72] DIEBOLD, MICHAEL PATRICK, US
[72] RUSNAK, ERIC, US
[72] SHIH, AGINGU, TW
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[86] 2012-10-11 (PCT/US2012/059760)
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[30] US (61/552,691) 2011-10-28

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[54] **FIBRONECTIN TYPE III REPEAT BASED PROTEIN SCAFFOLDS WITH ALTERNATIVE BINDING SURFACES**
[54] **ECHAFAUDAGES PROTEIQUES A BASE DE REPETITION DE FIBRONECTINE TYPE III AVEC DE NOUVELLES SURFACES DE LIAISON**
[72] DIEM, MICHAEL, US
[72] JACOBS, STEVEN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2014-03-21
[86] 2012-09-27 (PCT/US2012/057436)
[87] (WO2013/049275)
[30] US (61/539,670) 2011-09-27

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- [25] EN
- [54] ENVIRONMENT FRIENDLY BUILDING SYSTEM UTILIZING RECYCLED/UPCYCLED, COLLAPSED, PREFORMED & POST CONSUMER PLASTIC MATERIAL
- [54] UTILISATION DE MATIERE PLASTIQUE DE POST-CONSUMMATION PREFORMEE RECYCLEE/VALORISEE ET TASSEE
- [72] SMITH, RANDELL N., US
- [72] OLP, JERALD W. SR., US
- [72] THOMSON, DONALD W., CA
- [71] 1781221 ALBERTA LTD, CA
- [85] 2014-03-21
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- [25] EN
- [54] UTILIZATION OF HEAVY OIL ASH TO PRODUCE HIGH QUALITY CONCRETE
- [54] UTILISATION DE CENDRES D'HUILE LOURDE POUR PRODUIRE DU BETON DE QUALITE ELEVEE
- [72] AL-MEHTHEL, MOHAMMED, SA
- [72] AL-UTAIBI, ABDULAZIZ S., SA
- [72] MASLEHUDDIN, MOHAMMED, SA
- [72] ALI, MOHAMMED RIZWAN, SA
- [71] SAUDI ARABIAN OIL COMPANY, SA
- [71] KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, SA
- [85] 2014-03-21
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- [54] APPAREIL DE CRIBLE CENTRIFUGE
- [72] TRENCH, MICHAEL, AU
- [71] WEIR MINERALS AUSTRALIA LIMITED, AU
- [85] 2014-03-24
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- [54] CONTROLE PAR MATRICE A ULTRASONS
- [72] TEN GROTENHUIS, RAYMOND, CA
- [72] HONG, ANDREW, CA
- [72] CHEN, ZHENXIANG, CA
- [72] MADILL, MATT, CA
- [72] SHOKRALLA, SHADDY, CA
- [72] WONG, CHENG CHUEN BENEDICT, CA
- [72] PRESTON, SCOTT, CA
- [72] SAKUTA, ALEXANDER, CA
- [71] ONTARIO POWER GENERATION INC., CA
- [85] 2014-03-24
- [86] 2012-09-26 (PCT/CA2012/000861)
- [87] (WO2013/044350)
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- [25] EN
- [54] CRYSTALLINE HYDROCHLORIDE SALT OF (1-(4-FLUOROPHENYL)-1H-INDOL-5-YL)-(3-(4-(THIAZOLE-2-CARBONYL)PIPERAZIN-1-YL)AZETIDIN-1-YL) METHANONE AND ITS USE IN THE TREATMENT OF PAIN AND METABOLIC DISORDERS
- [54] SEL CRISTALLIN DE CHLORHYDRATE DE (1-(4-FLUOROPHENYL)-1H-INDOL-5-YL)-(3-(4-(THIAZOLE-2-CARBONYL)PIPERAZIN-1-YL)AZETIDIN-1-YL)METHANONE ET SON UTILISATION DANS LE TRAITEMENT DE LADOLEUR ET DE TROUBLES METABOLIQUES
- [72] BEAUCHAMP, DEREK A., US
- [72] WELLS, KENNETH M., US
- [71] JANSSEN PHARMACEUTICA NV, BE
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[54] **MONOACYLGLYCEROL LIPASE INHIBITORS FOR THE TREATMENT OF METABOLIC DISEASES AND RELATED DISORDERS**

[54] **INHIBITEURS DE MONOACYLGLYCEROL LIPASE POUR LE TRAITEMENT DE MALADIES METABOLIQUES ET DE TROUBLES APPARENTES**

[72] CONNELLY, MARGERY, US
[72] FLORES, CHRISTOPHER M., US
[72] MACIELAG, MARK J., US
[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2014-03-21
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[30] US (61/541,394) 2011-09-30

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[13] A1

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[54] **ARRANGEMENT FOR UPDATING A CONTROL SYSTEM**

[54] **AGENCEMENT DE MISE A JOUR D'UN SYSTEME DE COMMANDE**

[72] RANTANEN, ARTTU, FI
[72] VIITALA, JANNE, FI
[72] HAVERINEN, EEMELI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI

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[13] A1

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[54] **ELECTRONIC INDUCTANCE CIRCUIT FOR POWER SUPPLY OF 2-WIRE BUS INTERCOM SYSTEM AND DEVICE THEREOF**

[54] **CIRCUIT ELECTRONIQUE D'INDUCTANCE POUR L'ALIMENTATION ELECTRIQUE D'UN SYSTEME D'INTERCOMMUNICATION A BUS A DEUX FILS, AINSI QUE DISPOSITIF CORRESPONDANT**

[72] ZHOU, DALIN, CN
[72] ZHANG, YANGPENG, CN
[72] LIU, MINGYUAN, CN
[71] ABB TECHNOLOGY LTD., CH

[85] 2014-03-24
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[13] A1

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[25] EN

[54] **PROCESS FOR UPGRADING TANTALUM AND NIOBIUM ORES AND CONCENTRATES WITH THE RECOVERY OF MANGANESE AND RARE EARTHS OXIDES**

[54] **PROCEDE DE VALORISATION DE MINERAIS ET DE CONCENTRES DE TANTALE ET DE NIOBIUM AVEC RECUPERATION D'OXYDES DE MANGANESE ET DE TERRES RARES**

[72] CARDARELLI, FRANCOIS, CA
[71] CARDARELLI, FRANCOIS, CA

[85] 2014-03-24
[86] 2012-09-24 (PCT/CA2012/000890)
[87] (WO2013/040694)
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[13] A1

[51] Int.Cl. F26B 5/06 (2006.01)

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[54] **ROTARY DRUM FOR USE IN A VACUUM FREEZE-DRYER**

[54] **TAMBOUR ROTATIF DESTINE A ETRE UTILISE DANS UN APPAREIL DE LYOPHILISATION SOUS VIDE**

[72] STRUSCHKA, MANFRED, DE
[72] PLITZKO, MATTHIAS, DE
[72] GEBHARD, THOMAS, DE
[72] LUY, BERNHARD, DE
[71] SANOFI PASTEUR SA, FR

[85] 2014-03-24
[86] 2012-10-04 (PCT/EP2012/004163)
[87] (WO2013/050157)
[30] EP (11 008 109.8) 2011-10-06

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[13] A1

[51] Int.Cl. F16L 19/065 (2006.01) F16L 25/14 (2006.01)

[25] EN

[54] **SPLIT TEST BOOT**

[54] **SOUFFLET DE TEST FENDU**

[72] LUCEY, CHRIS, US
[72] NELSON, BILL., US
[72] SABO, LORRAINE, US
[72] WICKERSHAM, LARRY, US
[71] FRANKLIN FUELING SYSTEMS, INC., US

[85] 2014-03-21
[86] 2012-09-27 (PCT/US2012/057547)
[87] (WO2013/049343)
[30] US (61/540,375) 2011-09-28
[30] US (61/540,493) 2011-09-28
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[13] A1
[51] Int.Cl. F26B 3/30 (2006.01) F26B 5/06 (2006.01)
[25] EN
[54] HEATING DEVICE FOR ROTARY DRUM FREEZE-DRYER
[54] DISPOSITIF DE CHAUFFAGE POUR LYOPHILISATEUR A TAMBOUR ROTATIF
[72] GEBHARD, THOMAS, DE
[72] KAISER, ROLAND, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] LUY, BERNHARD, DE
[71] SANOFI PASTEUR SA, FR
[85] 2014-03-24
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[30] EP (11008108.0) 2011-10-06

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[51] Int.Cl. C07C 2/00 (2006.01) C10G 3/00 (2006.01) C10J 3/00 (2006.01) C10L 1/04 (2006.01)
[25] EN
[54] CARBON NEUTRAL NATURAL GAS TO LIQUIDS PLANT WITH BIOMASS CO-FEED
[54] INSTALLATION DE TRANSFORMATION NEUTRE EN CARBONE DU GAZ NATUREL EN LIQUIDES, COALIMENTEE AVEC UNE BIOMASSE
[72] RAVIKUMAR, RAVI, US
[72] DESOUSA, BRIAN, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056713)
[87] (WO2013/044134)
[30] US (61/538,502) 2011-09-23

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[13] A1
[51] Int.Cl. F26B 5/06 (2006.01)
[25] EN
[54] A PROCESS LINE FOR THE PRODUCTION OF FREEZE-DRIED PARTICLES
[54] CHAINE DE FABRICATION POUR LA PRODUCTION DE PARTICULES LYOPHILISEES
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] GEBHARD, THOMAS, DE
[72] LUY, BERNHARD, DE
[71] SANOFI PASTEUR SA, FR
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[13] A1
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[25] EN
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[54] DISPOSITIF D'INJECTION AUTOMATIQUE
[72] SHANG, SHERWIN S., US
[72] JULIAN, JOSEPH F., US
[72] LI, CHUAN, US
[72] WOZENCROFT, ROBERT MICHAEL, GB
[72] BICKNELL, STEPHEN, GB
[72] DIX, ROBERT, GB
[72] TSVIRKO, EDUARD, US
[72] CHIM, EDWIN, US
[72] SOMASHEKAR, SHUBHA CHETHEAN, US
[72] OZDARYAL, ESRA, US
[71] ABBVIE INC., US
[71] OWEN MUMFORD LTD, GB
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056744)
[87] (WO2013/044161)
[30] US (61/538,098) 2011-09-22

[21] 2,849,799
[13] A1
[51] Int.Cl. F26B 5/06 (2006.01) A61K 9/16 (2006.01)
[25] EN
[54] PROCESS LINE FOR THE PRODUCTION OF FREEZE-DRIED PARTICLES
[54] CHAINE DE FABRICATION POUR LA PRODUCTION DE PARTICULES LYOPHILISEES
[72] LUY, BERNHARD, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[71] SANOFI PASTEUR SA, FR
[85] 2014-03-24
[86] 2012-10-04 (PCT/EP2012/004168)
[87] (WO2013/050162)
[30] EP (11008057.9) 2011-10-05

[21] 2,849,800
[13] A1
[51] Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/40 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/58 (2006.01)
[25] EN
[54] TWIP AND NANO-TWINNED AUSTENITIC STAINLESS STEEL AND METHOD OF PRODUCING THE SAME
[54] ACIER INOXYDABLE AUSTENITIQUE TWIP ET NANOMACLE, ET PROCEDE DE PRODUCTION CORRESPONDANT
[72] MAGNUSSON, ULRIKA, SE
[72] CHAI, GUOCAL, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2014-03-24
[86] 2012-09-25 (PCT/EP2012/068815)
[87] (WO2013/045414)
[30] EP (11183207.7) 2011-09-29

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[21] **2,849,802**
[13] A1

[51] Int.Cl. F26B 5/06 (2006.01) A61K 9/16 (2006.01)

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[54] **PROCESS LINE FOR THE PRODUCTION OF FREEZE-DRIED PARTICLES**

[54] **CHAÎNE DE FABRICATION POUR LA PRODUCTION DE PARTICULES LYOPHILISÉES**

[72] LUY, BERNHARD, DE

[72] PLITZKO, MATTHIAS, DE

[72] STRUSCHKA, MANFRED, DE

[71] SANOFI PASTEUR S A, FR

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[86] 2012-10-04 (PCT/EP2012/004162)

[87] (WO2013/050156)

[30] EP (11008057.9) 2011-10-05

[21] **2,849,804**
[13] A1

[51] Int.Cl. G01N 21/84 (2006.01) G01N 21/64 (2006.01) G01N 21/76 (2006.01) G01N 21/78 (2006.01) G01N 27/327 (2006.01) G01N 33/487 (2006.01)

[25] EN

[54] **MEASUREMENT OF LACTIC ACID IN BIOLOGICAL FLUIDS**

[54] **MESURE DE L'ACIDE LACTIQUE DANS LES FLUIDES BIOLOGIQUES**

[72] BRAMANTI, EMILIA, IT

[72] ZUCCHINI, FABRIZIO, IT

[72] ONOR, MASSIMO, IT

[72] DI MURO, VINCENZO, IT

[71] POWER FIT S.R.L., IT

[85] 2014-03-24

[86] 2012-09-25 (PCT/EP2012/068867)

[87] (WO2013/045443)

[30] IT (PI2011A000104) 2011-09-28

[30] IT (PI2012A000012) 2012-01-25

[21] **2,849,805**
[13] A1

[51] Int.Cl. B24D 3/28 (2006.01) B24D 3/20 (2006.01) C09K 3/14 (2006.01)

[25] EN

[54] **ABRASIVE PRODUCTS AND METHODS FOR FINISHING HARD SURFACES**

[54] **PRODUITS ABRASIFS ET PROCÉDES DE FINITION DE SURFACES DURES**

[72] MANNING, JAMES J., US

[72] STERNBERG, MARK E., US

[72] WANG, JIANNAN, US

[71] SAINT-GOBAIN ABRASIVES, INC., US

[71] SAINT-GOBAIN ABRASIFS, FR

[85] 2014-03-21

[86] 2012-09-28 (PCT/US2012/057852)

[87] (WO2013/049526)

[30] US (61/540,946) 2011-09-29

[21] **2,849,806**
[13] A1

[51] Int.Cl. A61M 5/20 (2006.01)

[25] EN

[54] **AUTOMATIC INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**

[72] SHANG, SHERWIN S., US

[72] CHIM, EDWIN, US

[72] OZDARYAL, ESRA, US

[72] TSVIRKO, EDUARD, US

[72] SOMASHEKAR, SHUBHA CHETHEAN, US

[71] ABBVIE INC., US

[85] 2014-03-21

[86] 2012-09-21 (PCT/US2012/056750)

[87] (WO2013/044167)

[30] US (61/538,098) 2011-09-22

[21] **2,849,807**
[13] A1

[51] Int.Cl. H02M 1/12 (2006.01) H03K 19/00 (2006.01) H04M 9/06 (2006.01)

[25] EN

[54] **STANDBY POWER SUPPLY CIRCUIT FOR 2-WIRE BUS INTERCOM SYSTEM AND APPARATUS THEREOF**

[54] **CIRCUIT D'ALIMENTATION ELECTRIQUE DE VEILLE POUR UN SYSTEME D'INTERCOMMUNICATION A BUS A DEUX FILS, AINSI QU'APPAREIL CORRESPONDANT**

[72] ZHOU, DALIN, CN

[72] ZHANG, YANGPENG, CN

[72] LIU, MINGYUAN, CN

[72] LI, HUAPING, CN

[72] YE, ZHITIAN, CN

[71] ABB TECHNOLOGY LTD., CH

[85] 2014-03-24

[86] 2012-04-16 (PCT/CN2012/074136)

[87] (WO2013/155670)

[21] **2,849,808**
[13] A1

[51] Int.Cl. G01P 21/02 (2006.01)

[25] EN

[54] **LASER DOPPLER VELOCIMETER OPTICAL ELECTRICAL INTEGRATED CIRCUITS**

[54] **CIRCUITS INTEGRES ELECTRIQUES OPTIQUES DE VELOCIMETRE LASER A EFFET DOPPLER**

[72] DAKIN, ELIZABETH A., US

[72] MAMIDIPUDI, PRIYAVADAN, US

[72] LECLAIR, LANCE, US

[72] CHANGKAKOTI, RUPAK, US

[72] CHANG, CHIA CHEN, US

[72] DAKIN, DANIEL, US

[71] OPTICAL AIR DATA SYSTEMS, LLC, US

[85] 2014-03-21

[86] 2012-09-28 (PCT/US2012/057932)

[87] (WO2013/049579)

[30] US (61/541,884) 2011-09-30

[30] US (13/628,704) 2012-09-27

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[13] A1
[51] **Int.Cl. B27N 1/00 (2006.01) B27K 3/36 (2006.01) B27N 3/04 (2006.01)**
[25] EN
[54] **PANELS OF MEDIUM DENSITY FIBREBOARD**
[54] **PANNEAUX DE PLAQUE DE FIBRES DE MOYENNE DENSITE**
[72] POL, BERNARDUS JOZEF MARIA, GB
[72] VAN DOMMELE, STEFAN, GB
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[71] TITAN WOOD LIMITED, GB
[85] 2014-03-24
[86] 2012-09-27 (PCT/EP2012/069086)
[87] (WO2013/045551)
[30] EP (11183175.6) 2011-09-28

[21] **2,849,810**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **AUTOMATIC INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**
[72] SHANG, SHERWIN S., US
[72] TSVIRKO, EDUARD, US
[72] CHIM, EDWIN, US
[72] SOMASHEKAR, SHUBHA CHETHEAN, US
[72] OZDARYAL, ESRA, US
[71] ABBVIE INC., US
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056756)
[87] (WO2013/044172)
[30] US (61/538,098) 2011-09-22
[30] US (61/695,911) 2012-08-31

[21] **2,849,811**
[13] A1
[51] **Int.Cl. F03D 9/00 (2006.01) F03D 11/02 (2006.01) F16H 1/28 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR A WIND TURBINE**
[54] **SYSTEME D'ENTRAINEMENT POUR EOLIENNE**
[72] BOING, ALFONS, DE
[72] DINTER, RALF MARTIN, DE
[72] DRABER, JURGEN, DE
[72] KLEIN-HITPASS, ARNO, DE
[72] KRETSCHMANN, FRANK, DE
[72] REIMERS, JAN-DIRK, DE
[72] SCHOBEL, FRIEDRICH, DE
[72] ZEICHFUSSL, ROLAND, DE
[71] SIEMENS AKTIENGESellschaft, DE
[85] 2014-03-24
[86] 2012-08-30 (PCT/EP2012/066864)
[87] (WO2013/045199)
[30] EP (11182708.5) 2011-09-26

[21] **2,849,812**
[13] A1
[51] **Int.Cl. F16L 3/20 (2006.01) B23P 11/00 (2006.01) F16L 3/00 (2006.01)**
[25] EN
[54] **PIPE SUPPORT**
[54] **SUPPORT DE TUYAU**
[72] DWORAK, DALLAS MARTIN, JR., US
[71] COOPER B-LINE, INC., US
[85] 2014-03-21
[86] 2012-09-28 (PCT/US2012/057956)
[87] (WO2013/049594)
[30] US (61/540,174) 2011-09-28
[30] US (13/480,353) 2012-05-24

[21] **2,849,813**
[13] A1
[51] **Int.Cl. C10M 133/08 (2006.01) C10M 173/00 (2006.01)**
[25] EN
[54] **AQUEOUS LIQUIDS CONTAINING AN ORGANIC COMPOUND AND AN N-(2-HYDROXYALKYL) SUBSTITUTED N-ALKYLAMINE**
[54] **LIQUIDES AQUEUX CONTENANT UN COMPOSE ORGANIQUE ET UNE N-ALKYLAMINE SUBSTITUEE PAR DU N-(2-HYDROXYALKYLE)**
[72] GERNON, MICHAEL DAVID, US
[72] BUYSE, KURT, BE
[71] TAMINCO, BE
[85] 2014-03-24
[86] 2012-09-27 (PCT/EP2012/069109)
[87] (WO2013/045565)
[30] US (61/540,062) 2011-09-28
[30] EP (11183191.3) 2011-09-28

[21] **2,849,814**
[13] A1
[51] **Int.Cl. F03B 13/02 (2006.01) E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE ROTATING MAGNETIC FIELD GENERATOR**
[54] **DISPOSITIF GENERATEUR D'ENERGIE DE FOND DE TROU A CHAMP MAGNETIQUE TOURNANT**
[72] CHEN, WEI, CN
[72] HAN, LAIJU, CN
[72] LI, ZUOHUI, CN
[72] SUN, FENG, CN
[72] WANG, YIFENG, CN
[72] LIU, QINGLONG, CN
[72] XU, FENGLING, CN
[72] L.V. ZHENHUA, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, CN
[85] 2014-03-24
[86] 2012-08-28 (PCT/CN2012/080650)
[87] (WO2013/029524)
[30] CN (201110252606.0) 2011-08-30

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[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 64/00 (2009.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **PERSISTENT LOCATION TRACKING ON MOBILE DEVICES AND LOCATION PROFILING**

[54] **SUIVI DE POSITION PERSISTANT SUR DISPOSITIFS MOBILES ET PROFILAGE DE POSITION**

[72] DUNLAP, SCOTT, US

[71] EBAY INC., US

[85] 2014-03-21

[86] 2012-09-28 (PCT/US2012/058016)

[87] (WO2013/049638)

[30] US (61/541,949) 2011-09-30

[21] **2,849,816**
[13] A1

[51] **Int.Cl. A61K 38/20 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHODS FOR THE TREATMENT OF DEGENERATIVE RETINAL CONDITIONS**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'AFFECTIONS RETINIENNES DEGENERATIVES**

[72] CAMPBELL, MATTHEW, IE

[72] HUMPHRIES, PETER, IE

[72] HUMPHRIES, MARIAN, IE

[72] KIANG, ANNA-SOPHIA, IE

[72] DOYLE, SARAH, IE

[72] O'NEILL, LUKE, IE

[71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE

[85] 2014-03-24

[86] 2012-10-01 (PCT/EP2012/069333)

[87] (WO2013/045694)

[30] GB (1116815.0) 2011-09-29

[30] GB (1205131.4) 2012-03-23

[21] **2,849,817**
[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01)**

[25] EN

[54] **DETECTING OVARIAN CANCER**

[54] **DETECTION DU CANCER DE L'OVAIRE**

[72] LEVINE, DOUGLAS A., US

[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US

[85] 2014-03-21

[86] 2012-09-22 (PCT/US2012/056776)

[87] (WO2013/044187)

[30] US (61/626,202) 2011-09-22

[21] **2,849,818**
[13] A1

[51] **Int.Cl. E02D 13/00 (2006.01) E02B 3/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR REDUCTION OF SONIC VIBRATIONS IN A LIQUID**

[54] **APPAREIL ET PROCEDE POUR REDUCTION DE VIBRATIONS SONIQUES DANS UN LIQUIDE**

[72] HANSEN, ANDERS ORGARD, DK

[72] THOMSEN, KURT ELITH, DK

[72] BENDT, MADDS, DK

[71] LO-NOISE APS, DK

[85] 2014-03-24

[86] 2012-07-02 (PCT/DK2012/050240)

[87] (WO2013/056713)

[30] DK (PA 2011 00798) 2011-10-17

[21] **2,849,819**
[13] A1

[51] **Int.Cl. G06F 11/30 (2006.01) G06F 11/32 (2006.01) G06F 15/16 (2006.01)**

[25] EN

[54] **COMMUNICATING UNEXPECTED COLLABORATION SERVER RESPONSES ON RECONNECTION**

[54] **COMMUNICATION DE REPONSES D'UN SERVEUR DE COLLABORATION INATTENDUES LORS DE LA RECONNEXION**

[72] MANNING, SARA, US

[72] ESTEVE BALDUCCI, JUAN V., US

[72] PINTOS, FABIO, US

[72] CLAUX, DAVID, US

[71] MICROSOFT CORPORATION, US

[85] 2014-03-21

[86] 2012-09-30 (PCT/US2012/058205)

[87] (WO2013/049781)

[30] US (13/249,243) 2011-09-30

[21] **2,849,820**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4523 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 407/04 (2006.01) C07D 417/04 (2006.01)**

[25] EN

[54] **BENZYL PIPERIDINE COMPOUNDS AS LYSOPHOSPHATIDIC ACID (LPA) RECEPTOR ANTAGONIST**

[54] **COMPOSES DE BENZYLPIPERIDINE UTILISES COMME ANTAGONISTES DES RECEPTEURS A L'ACIDE LYSOPHOSPHATIDIQUE (LPA)**

[72] SCHIEMANN, KAI, DE

[72] STAEHLE, WOLFGANG, DE

[72] BUSCH, MICHAEL, DE

[72] WIENKE, DIRK, DE

[72] POESCHKE, OLIVER, DE

[72] BURGER, CHRISTA, DE

[71] MERCK PATENT GMBH, DE

[85] 2014-03-24

[86] 2012-09-07 (PCT/EP2012/003771)

[87] (WO2013/045028)

[30] EP (11007796.3) 2011-09-26

[21] **2,849,821**
[13] A1

[51] **Int.Cl. A61B 17/08 (2006.01)**

[25] EN

[54] **IMPLANTABLE PROSTHESIS FOR REPAIRING OR REINFORCING AN ANATOMICAL DEFECT**

[54] **PROTHESE IMPLANTABLE POUR REPARER OU RENFORCER UN DEFAT ANATOMIQUE**

[72] COHEN, MATTHEW, US

[71] COVIDIEN LP, US

[85] 2014-03-21

[86] 2012-10-01 (PCT/US2012/058248)

[87] (WO2013/049795)

[30] US (64541551) 2011-09-30

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[13] A1
[51] **Int.Cl. C07K 14/11 (2006.01) A61K 9/14 (2006.01) A61K 39/145 (2006.01) A61K 39/385 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **NOVEL INFLUENZA HEMAGGLUTININ PROTEIN-BASED VACCINES**
[54] **NOUVEAUX VACCINS A BASE DE PROTEINE HEMAGGLUTININE DE LA GRIPPE**
[72] NABEL, GARY J., M.D., US
[72] KANEKIYO, MASARO, US
[72] WEI, CHIH-JEN, US
[72] MCTAMNEY, PATRICK M., US
[72] YASSINE, HADI M., US
[72] BOYINGTON, JEFFREY C., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2014-03-21
[86] 2012-09-24 (PCT/US2012/056822)
[87] (WO2013/044203)
[30] US (61/538,663) 2011-09-23
[30] US (61/661,209) 2012-06-18

[21] **2,849,823**
[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) C12P 7/24 (2006.01) C12P 7/42 (2006.01) C12P 7/52 (2006.01) C12P 7/62 (2006.01)**
[25] EN
[54] **MICROORGANISMS AND METHODS FOR PRODUCING ACRYLATE AND OTHER PRODUCTS FROM HOMOSERINE**
[54] **MICROORGANISMES ET PROCEDES DE PRODUCTION D'ACRYLATE ET AUTRES PRODUITS A L'AIDE D'HOMOSERINE**
[72] XU, JUN, US
[72] SAUNDERS, CHARLES WINSTON, US
[72] GREEN, PHILLIP RICHARD, US
[72] VELASQUEZ, JUAN ESTEBAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-03-21
[86] 2012-10-05 (PCT/US2012/058826)
[87] (WO2013/052717)
[30] US (61/543,511) 2011-10-05

[21] **2,849,824**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12M 1/06 (2006.01) C12P 7/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR STARTING UP DEEP TANK ANAEROBIC FERMENTATION REACTORS FOR MAKING OXYGENATED ORGANIC COMPOUND FROM CARBON MONOXIDE AND HYDROGEN**
[54] **PROCEDES DE DEMARRAGE DE REACTEURS DE FERMENTATION ANAEROBIE A CUVE PROFONDE POUR LA PRODUCTION D'UN COMPOSE ORGANIQUE OXYGENE A PARTIR DE MONOXYDE DE CARBONE ET D'HYDROGENE**
[72] TOBEY, RICHARD E., US
[72] HICKEY, ROBERT, US
[72] TSAI, SHIH-PERNG, US
[71] COSKATA, INC., US
[85] 2014-03-20
[86] 2012-09-14 (PCT/US2012/055584)
[87] (WO2013/043510)
[30] US (13/243,159) 2011-09-23

[21] **2,849,825**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 17/02 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHOD FOR REAL-TIME MONITORING AND TRANSMITTING HYDRAULIC FRACTURE SEISMIC EVENTS TO SURFACE USING THE PILOT HOLE OF THE TREATMENT WELL AS THE MONITORING WELL**
[54] **PROCEDE DE CONTROLE ET DE TRANSMISSION EN TEMPS REEL VERS LA SURFACE D'EVENEMENTS SISMIQUES DANS UNE FRACTURE HYDRAULIQUE PAR L'AVANT-TRou DU Puits DE TRAITEMENT UTILISE COMME Puits DE SURVEILLANCE**
[72] BARTKO, KIRK M., SA
[72] BOULDIN, BRETT WAYNE, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-21
[86] 2012-10-09 (PCT/US2012/059361)
[87] (WO2013/055691)
[30] US (13/269,596) 2011-10-09

[21] **2,849,826**
[13] A1
[51] **Int.Cl. E04B 2/72 (2006.01)**
[25] EN
[54] **INSULATED WASHDOWN FLEXIBLE WALLS AND CURTAINS**
[54] **PAROIS ET RIDEAUX SOUPLES LAVABLES ISOLEES**
[72] ASHELIN, CHARLES J., US
[72] HOFFMANN, DAVID J., US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2014-03-21
[86] 2012-10-11 (PCT/US2012/059746)
[87] (WO2013/059067)
[30] US (13/278,883) 2011-10-21

[21] **2,849,853**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ARRANGING PEERS IN A LIVE STREAMING P2P NETWORK**
[54] **PROCEDE ET DISPOSITIF D'AGENCEMENT DE PAIRS DANS UN RESEAU P2P DE DIFFUSION EN CONTINU EN DIRECT**
[72] EL-BELTAGY, MOHAMMED, SE
[72] NAIEM, AMGAD, SE
[72] ESSAYADI, FOUAD, SE
[71] PEERIALISM AB, SE
[85] 2014-03-24
[86] 2012-10-03 (PCT/EP2012/069509)
[87] (WO2013/050400)
[30] SE (1150920-5) 2011-10-05
[30] US (13/253,302) 2011-10-05

[21] **2,849,856**
[13] A1
[51] **Int.Cl. C07K 14/395 (2006.01) C07K 14/39 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **REGULATABLE PROMOTER**
[54] **PROMOTEUR REGULABLE**
[72] MATTANOVICH, DIETHARD, AT
[72] GASSER, BRIGITTE, AT
[72] MAURER, MICHAEL, AT
[72] PRIELHOFFER, ROLAND, AT
[72] KLEIN, JOACHIM, CH
[72] WENGER, JANA, CH
[71] LONZA LTD, CH
[85] 2014-03-24
[86] 2012-10-05 (PCT/EP2012/069757)
[87] (WO2013/050551)
[30] EP (11184323.1) 2011-10-07
[30] US (61/544,451) 2011-10-07
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[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01)**
[25] EN
[54] **SOLID COMPOSITION COMPRISING A HYPOTHIOCYANITE SALT**
[54] **COMPOSITION A L'ETAT SOLIDE COMPRENANT UN SEL D'HYPOTHIOCYANITE**
[72] PERROTTO, SANDRINE, FR
[72] GLUSZOK, SEBASTIEN, FR
[72] BORDEAU, PHILIPPE, FR
[72] DAVID, CATHERINE, FR
[71] ALAXIA SAS, FR
[71] STRAGEN PHARMA SA, CH
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[54] **INSTRUMENTS MEDICAUX GUIDES PAR TOMODENSITOMETRIE OU PAR RESONANCE MAGNETIQUE**
[72] COCKBURN, JOHN, GB
[71] NORFOLK & NORWICH UNIVERSITY HOSPITALS NHS FOUNDATION TRUST, GB
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[86] 2011-09-21 (PCT/GB2011/051785)
[87] (WO2012/038748)
[30] GB (1015897.0) 2010-09-22
[30] GB (1016461.4) 2010-09-30

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[25] EN
[54] **PRODUCTS USEFUL FOR THE TREATMENT OF MALIGNANT NEOPLASMS OF THE HUMAN NERVOUS SYSTEM**
[54] **PRODUITS UTILES POUR LE TRAITEMENT DE NEOPLASMES MALINS DU SYSTEME NERVEUX HUMAIN**
[72] WOLFF, NICOLAS, FR
[72] LAFON, MONIQUE, FR
[72] BABAUT, NICOLAS, FR
[71] INSTITUT PASTEUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
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[54] **FLASH MEMORY SYSTEM**
[54] **SYSTEME MEMOIRE FLASH**
[72] KIM, JIN-KI, CA
[71] MOSAID TECHNOLOGIES INCORPORATED, CA
[85] 2014-03-18
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[30] US (61/538,540) 2011-09-23
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[54] **FLUID DETERMINATION IN A WELL BORE**
[54] **DETERMINATION D'UN FLUIDE DANS UN TROU DE FORAGE**
[72] SHANKS, DAVID SIRDA, GB
[72] HENDRY, DAVID CYRIL, GB
[71] ZENITH OILFIELD TECHNOLOGY LIMITED, GB
[85] 2014-03-24
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[25] EN
[54] **PROCESS FOR IMPROVING INLINE TAILINGS TREATMENT**
[54] **PROCEDE POUR L'AMELIORATION DU TRAITEMENT EN LIGNE DE RESIDUS**
[72] DANG-VU, TRONG, CA
[72] CAGLE, PHIL, US
[71] S.P.C.M. SA, FR
[85] 2014-03-24
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[25] EN
[54] **METHOD AND APPARATUS FOR CONNECTING INLAID CHIP INTO PRINTED CIRCUIT BOARD**
[54] **PROCEDE ET APPAREIL POUR CONNECTER UN MICROCIRCUIT ENCASTRE A L'INTERIEUR D'UN CIRCUIT IMPRIME NU**
[72] PYEON, HONG BEOM, CA
[71] MOSAID TECHNOLOGIES INCORPORATED, CA
[85] 2014-03-20
[86] 2012-09-18 (PCT/CA2012/000874)
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[54] **IN VIVO ADCC MODEL**
[54] **MODEL IN VIVO D'ADCC**
[72] BREUSTEDT, DANIEL, DE
[72] GERDES, CHRISTIAN, CH
[72] IGLESIAS, ANTONIO, DE
[72] UMANA, PABLO, CH
[71] ROCHE GLYCART AG, CH
[85] 2014-03-24
[86] 2012-10-29 (PCT/EP2012/071328)
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[25] EN
[54] **A METHOD OF FORMING PARTS FROM SHEET STEEL**
[54] **PROCEDE POUR LA FORMATION DE PIECES A PARTIR DE FEUILLE D'ACIER**
[72] BALINT, DANIEL, GB
[72] DEAN, TREVOR ANTHONY, GB
[72] LIN, JIANGUO, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2014-03-24
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[30] GB (1116668.3) 2011-09-27

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[25] EN
[54] **NEW CYCLOHEXYLAMINE DERIVATIVES HAVING .BETA.2 ADRENERGIC AGONIST AND M3 MUSCARINIC ANTAGONIST ACTIVITIES**
[54] **NOUVEAUX DERIVES DE CYCLOHEXYLAMINE AYANT DES ACTIVITES D'AGONISTE DES RECEPTEURS ?2-ADRENERGIQUE ET D'ANTAGONISTE DES RECEPTEURS MUSCARINIQUES M3**
[72] AIGUADE BOSCH, JOSE, ES
[72] GUAL ROIG, SILVIA, ES
[72] PRAT QUINONES, MARIA, ES
[72] PUIG DURAN, CARLOS, ES
[71] ALMIRALL, S.A., ES
[85] 2014-03-24
[86] 2012-11-09 (PCT/EP2012/072309)
[87] (WO2013/068552)
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[30] US (61/563,907) 2011-11-28

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[51] **Int.Cl. B60Q 1/28 (2006.01) B60Q 1/068 (2006.01) F21S 8/10 (2006.01) F21V 29/00 (2006.01)**
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[54] **OPTICALLY ADJUSTABLE LIGHT MODULE**
[54] **MODULE LUMINEUX OPTIQUEMENT REGLABLE**
[72] BAKO, ZOLTAN, HU
[72] GALLAI, JOZSEF, HU
[72] MOLNAR, IMRE, HU
[72] MUDRA, ISTVAN, HU
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-02-14
[86] 2012-08-06 (PCT/US2012/049749)
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[25] EN
[54] **METHOD FOR PICKING UP CELL MATERIAL AND ASSEMBLY FOR PERFORMING SAID METHOD**
[54] **PROCEDE POUR PRELEVER DU MATERIEL CELLULAIRE ET ENSEMBLE POUR METTRE EN OEUVRE LEDIT PROCEDE**
[72] BOTMA, JETZE, NL
[72] KLEEFSTRA, MARTIJN, NL
[72] BERNTSEN, MARTIJN XANDER, NL
[72] VAN DER ZEE, TINO WALTER, NL
[71] BD KIESTRA B.V., NL
[85] 2014-03-24
[86] 2012-09-28 (PCT/NL2012/050681)
[87] (WO2013/048249)
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[51] **Int.Cl. B01D 19/00 (2006.01) F15B 1/26 (2006.01) F15B 21/04 (2006.01)**
[25] EN
[54] **HYDRAULIC AIR BLEED VALVE SYSTEM**
[54] **SYSTEME HYDRAULIQUE DE SOUPAPE DE PURGE D'AIR**
[72] DHURI, SANJEEV N., IN
[72] DERE, UDAYKUMAR P., IN
[71] EATON CORPORATION, US
[85] 2014-03-24
[86] 2012-10-15 (PCT/IB2012/002049)
[87] (WO2013/057558)
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4709 (2006.01) A61P 11/00 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NEW CYCLOHEXYLAMINE DERIVATIVES HAVING .BETA.2 ADRENERGIC AGONIST AND M3 MUSCARINIC ANTAGONIST ACTIVITIES**
[54] **NOUVEAUX DERIVES DE CYCLOHEXYLAMINE AYANT DES ACTIVITES D'AGONISTE DES RECEPTEURS ?2-ADRENERGIQUE ET D'ANTAGONISTE DES RECEPTEURS MUSCARINIQUES M3**
[72] AIGUADE BOSCH, JOSE, ES
[72] GUAL ROIG, SILVIA, ES
[72] PRAT QUINONES, MARIA, ES
[72] PUIG DURAN, CARLOS, ES
[71] ALMIRALL, S.A., ES
[85] 2014-03-24
[86] 2012-11-09 (PCT/EP2012/072311)
[87] (WO2013/068554)
[30] EP (11382343.9) 2011-11-11
[30] US (61/563,911) 2011-11-28

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[51] **Int.Cl. A62C 35/00 (2006.01)**
[25] EN
[54] **INFLATOR-BASED FIRE SUPPRESSION**
[54] **EXTINCTION DES INCENDIES A BASE DE GONFLEUR**
[72] COX, MATTHEW A., US
[72] SMITH, BRADLEY W., US
[72] PARKINSON, DAVID W., US
[71] ALLIANT TECHSYSTEMS INC., US
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[87] (WO2012/048112)
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[51] **Int.Cl. A24B 15/16 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE COMPRISING A COMBUSTIBLE HEAT SOURCE WITH A REAR BARRIER COATING**
[54] **ARTICLE A FUMER COMPRENANT UNE SOURCE DE CHALEUR COMBUSTIBLE COMPRENANT UN REVETEMENT BARRIERE ARRIERE**
[72] STOLZ, STEFFEN, CH
[72] DEGOUMOIS, YVAN, CH
[72] LAVANCHY, FREDERIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2014-03-24
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[25] EN
[54] **GAS GENERATOR**
[54] **GENERATEUR DE GAZ**
[72] PARKINSON, DAVID W., US
[72] SMITH, BRADLEY W., US
[71] ALLIANT TECHSYSTEMS INC., US
[85] 2014-03-24
[86] 2011-10-06 (PCT/US2011/055116)
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[30] US (12/900,011) 2010-10-07

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[13] A1

[51] **Int.Cl. C23C 16/04 (2006.01)**
[25] EN
[54] **A DEVICE FOR LOADING POROUS SUBSTRATES OF THREE-DIMENSIONAL SHAPE IN ORDER TO BE DENSIFIED BY DIRECTED FLOW CHEMICAL VAPOR INFILTRATION**
[54] **DISPOSITIF DE CHARGEMENT POUR LA DENSIFICATION PAR INFILTRATION CHIMIQUE EN PHASE VAPEUR EN FLUX DIRIGE DE SUBSTRATS POREUX DE FORME TRIDIMENTIONNELLE**
[72] BERTRAND, SEBASTIEN, FR
[72] LAMOUROUX, FRANCK, FR
[72] GOUJARD, STEPHANE, FR
[71] HERAKLES, FR
[85] 2014-03-24
[86] 2012-09-14 (PCT/FR2012/052066)
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[30] FR (1158673) 2011-09-28

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[51] **Int.Cl. C12P 7/16 (2006.01) C12P 7/24 (2006.01)**
[25] EN
[54] **KETO-ISOVALERATE DECARBOXYLASE ENZYMES AND METHODS OF USE THEREOF**
[54] **ENZYMES CETO-ISOVALERATE DECARBOXYLASE ET LEURS PROCEDES D'UTILISATION**
[72] MCELVAIN, JESSICA, US
[72] OKEEFE, DANIEL P., US
[72] PAUL, BRIAN JAMES, US
[72] PAYNE, MARK S., US
[72] ROTHMAN, STEVEN CARY, US
[72] HE, HONGXIAN, US
[71] BUTAMAX ADVANCED BIOFUELS LLC, US
[85] 2014-01-20
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[87] (WO2013/016717)
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[54] **SOCIAL PROXIMITY PAYMENTS**
[54] **PAIEMENTS SOCIAUX DE PROXIMITE**
[72] RUNYAN, WILLIAM HENRY, US
[71] EBAY INC., US
[85] 2014-03-24
[86] 2012-03-28 (PCT/US2012/030959)
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[30] US (13/248,836) 2011-09-29

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[25] EN
[54] **REFERRAL PROGRAM FOR BUSINESSES**
[54] **PROGRAMME DE REFERENCEMENT POUR PROFESSIONNELS**
[72] RAJARAM, GOKUL, US
[71] FACEBOOK, INC., US
[85] 2014-03-24
[86] 2012-08-20 (PCT/US2012/051524)
[87] (WO2013/048639)
[30] US (13/247,780) 2011-09-28

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[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **RE-LATCH MECHANISM FOR WELLBORE LINER SYSTEM**
[54] **MECANISME DE BLOCAGE A RAPPEL POUR SYSTEME DE CHEMISAGE DE TROU DE FORAGE**
[72] MOELLER, DANIEL KEITH, US
[72] WATSON, BROCK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-03-24
[86] 2011-10-07 (PCT/US2011/055403)
[87] (WO2013/052064)

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[25] EN
[54] PHARMACEUTICAL METHODS AND TOPICAL COMPOSITIONS CONTAINING ACITRETIN
[54] PROCEDES PHARMACEUTIQUES ET COMPOSITIONS TOPIQUES CONTENANT DE L'ACITRETINE
[72] SURMAN, PETER, NZ
[72] BINNIE, FERGUS CAMERON, NZ
[72] VOS, MARTEN GEERT, NZ
[71] DOUGLAS PHARMACEUTICALS LTD., NZ
[85] 2014-03-24
[86] 2012-10-01 (PCT/IB2012/002454)
[87] (WO2013/050874)
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[51] Int.Cl. G06F 17/30 (2006.01) G06Q 30/00 (2012.01)
[25] EN
[54] PRODUCT INFORMATION SYSTEM AND METHOD USING A TAG AND MOBILE DEVICE
[54] SYSTEME D'INFORMATION DE PRODUIT ET PROCEDE UTILISANT UNE ETIQUETTE ET UN DISPOSITIF MOBILE
[72] RASBAND, PAUL BRENT, US
[72] HALL, STEWART E., US
[72] HO, WING KEI, US
[72] MOHIUDDIN, MOHAMMAD, US
[72] VAN NEST, NANCY LEE, US
[72] RAO, MANJUPRAKASH RAMA, IN
[72] RELIHAN, TIMOTHY J., US
[72] COPELAND, RICHARD L., US
[71] TYCO FIRE & SECURITY GMBH, CH
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[86] 2012-08-23 (PCT/US2012/052037)
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[30] US (13/215,847) 2011-08-23

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[25] EN
[54] REINFORCING AMORPHOUS PLA WITH SOLID PARTICLES FOR DOWNHOLE APPLICATIONS
[54] ACIDE POLYLACTIQUE AMORPHE RENFORCE DE PARTICULES SOLIDES POUR APPLICATIONS DE FOND DE Puits
[72] LIANG, FENG, US
[72] TODD, BRADLEY L., US
[72] SAINI, RAJESH KUMAR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-03-24
[86] 2012-09-20 (PCT/US2012/056335)
[87] (WO2013/052285)
[30] US (13/252,327) 2011-10-04

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[13] A1
[51] Int.Cl. F16G 3/02 (2006.01) B65G 17/08 (2006.01)
[25] EN
[54] FASTENING SYSTEM FOR A CONVEYOR BELT
[54] SYSTEME DE FIXATION POUR UNE COURROIE TRANSPORTEUSE
[72] RIDGELL, TERRAL A., US
[72] PIEHLER, MICHAEL V., US
[72] GUERNSEY, KEVIN W., US
[72] KUCHLER, JOHN H., JR., US
[71] LAITRAM, L.L.C., US
[85] 2014-03-24
[86] 2012-09-13 (PCT/US2012/055206)
[87] (WO2013/052254)
[30] US (13/251,817) 2011-10-03

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[51] Int.Cl. C12N 9/18 (2006.01) C12N 9/42 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)
[25] EN
[54] CELLULOLYTIC ENZYME COMPOSITIONS AND USES THEREOF
[54] COMPOSITIONS ENZYMATIQUES CELLULOLYTIQUES ET LEURS UTILISATIONS
[72] IYER, PRASHANT, US
[72] GASPAR, ARMINDO RIBEIRO, US
[72] CROONENBERGHS, JAMES, US
[72] BINDER, THOMAS P., US
[71] NOVOZYMES A/S, DK
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2014-03-24
[86] 2012-09-21 (PCT/US2012/056502)
[87] (WO2013/043981)
[30] US (61/538,211) 2011-09-23

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[13] A1
[51] Int.Cl. G06Q 30/06 (2012.01) G06Q 20/24 (2012.01) G06Q 50/10 (2012.01)
[25] EN
[54] SYSTEM AND METHOD FOR REDEMPTION OF CREDITS IN A VARIABLE VALUE TRANSACTION
[54] SYSTEME ET PROCEDE DE REMBOURSEMENT DE CREDITS DANS TRANSACTION A VALEUR VARIABLE
[72] MASKATIA, IMRAN, US
[72] RUBINSTEIN, JASON, US
[72] REHMANI, SAAD, US
[72] WILLIAMS, HEIDEMARIE, US
[71] REDBOX AUTOMATED RETAIL, LLC, US
[85] 2014-03-24
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[25] EN
[54] **SURGICAL FASTENING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FIXATION CHIRURGICALE**
[72] SHOLEV, MORDEHAI, IL
[72] LAVI, GILAD, IL
[71] ARTACK MEDICAL (2013) LTD., IL
[85] 2014-03-24
[86] 2012-09-24 (PCT/IB2012/055079)
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[30] US (61/539,013) 2011-09-26

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[13] A1

[51] **Int.Cl. A41D 13/00 (2006.01) A41D 13/02 (2006.01)**
[25] EN
[54] **DISPOSABLE SAFETY GARMENT**
[54] **VETEMENT DE SECURITE JETABLE**
[72] YADAV, SUDHANSU S., US
[72] DIETERLE, MARK, US
[72] MARCUM, JOSEPH T., US
[72] THOMPSON, ELLIOTT, US
[71] QUEST ENVIRONMENTAL & SAFETY PRODUCTS, INC., US
[85] 2014-03-24
[86] 2012-09-21 (PCT/US2012/056627)
[87] (WO2013/044066)

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[25] EN
[54] **COMBINATIONS OF LIPO-CHITOOLOGOSACCHARIDES AND METHODS FOR USE IN ENHANCING PLANT GROWTH**
[54] **COMBINAISONS DE LIPO-CHITO-OLIGOSACCHARIDES ET LEURS METHODES D'UTILISATION POUR AMELIORER LA CROISSANCE DE PLANTES**
[72] SMITH, R. STEWART, US
[72] HABIB, AHSAN, US
[71] NOVOZYMES BIOLOGICALS, INC., US
[71] NOVOZYMES BIOAG A/S, DK
[85] 2014-03-24
[86] 2012-09-24 (PCT/US2012/056885)
[87] (WO2013/044214)
[30] US (61/538,325) 2011-09-23

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[13] A1

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[25] EN
[54] **A BUCKET FOR SCREENING AND CRUSHING INERT MATERIAL**
[54] **GODET POUR CRIBLAGE ET BROyage DE MATERIAU INERTE**
[72] AZZOLIN, DIEGO, IT
[72] AZZOLIN, GUIDO, IT
[71] MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A., IT
[85] 2014-03-24
[86] 2012-09-28 (PCT/IB2012/055189)
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[30] IT (PD2011A000309) 2011-09-30

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[54] **GODET POUR CRIbler ET BROyer UN MATERIAU INERTE COMPRENANT UNE VANNE D'EQUILIBRAGE**
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[71] MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A., IT
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[54] **COMPOSITIONS POUR L'EXFOLIATION DE LA PEAU ET LEUR UTILISATION**
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[72] MEHTA, RAHUL, US
[72] SONI, SUJATHA, US
[71] ALLERGAN, INC., US
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[54] **SYSTEM AND METHOD FOR OPTIMIZED REDEMPTION OF CREDITS IN A VARIABLE VALUE TRANSACTION**
[54] **SYSTEME ET PROCEDE DE RACHAT OPTIMISE DE CREDITS DANS LE CADRE D'UNE TRANSACTION DE VALEUR VARIABLE**
[72] MASKATIA, IMRAN, US
[72] REHMANI, SAAD, US
[72] RUBINSTEIN, JASON, US
[72] WILLIAMS, HEIDEMARIE, US
[71] REDBOX AUTOMATED RETAIL, LLC, US
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[54] SYSTEME ET PROCEDE DE DETECTION DE CHARGE ET D'EMPLACEMENT VERTEBRAUX
[72] ROCHE, MARTIN, US
[72] BOILLOT, MARC, US
[72] STEIN, MARC, US
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[54] SYSTEM AND METHOD FOR MANAGEMENT OF CREDIT SUBSCRIPTIONS
[54] SYSTEME ET PROCEDE DE GESTION DE SOUSCRIPTIONS A UN CREDIT
[72] LAVU, RATNAKAR, US
[72] MASKATIA, IMRAN, US
[72] REHMANI, SAAD, US
[72] RUBINSTEIN, JASON, US
[72] WILLIAMS, HEIDEMARIE, US
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[54] SYSTEM AND METHOD FOR CURRENCY CONVERSION RELATED TO CREDITS REDEEMABLE IN A VARIABLE VALUE TRANSACTION
[54] SYSTEME ET PROCEDE DE CONVERSION DE DEVISE RELATIVE A DES CREDITS REMBOURSABLES DANS UNE TRANSACTION A VALEUR VARIABLE
[72] LAVU, RATNAKAR, US
[72] MASKATIA, IMRAN, US
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[54] CHITOOLIGOSACCHARIDES ET PROCEDES POUR LES UTILISER DANS L'AMELIORATION D'UNE CROISSANCE VEGETALE
[72] SMITH, R. STEWART, US
[72] HABIB, AHISAN, US
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[72] SMITH, R. STEWART, US
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[54] SYSTEMES ET PROCEDES POUR PRODUIRE DES DISPOSITIFS MICROFLUIDIQUES
[72] CHEN, HONG, US
[72] ANAGNOSTOPOULOS, CONSTANTINE, US
[72] FAGHIRI, MOHAMMED, US
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[54] **CHITO-OLIGOSACCHARIDES ET LEURS METHODES D'UTILISATION POUR AMELIORER LA CROISSANCE DU MAIS**
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[54] **SYSTEME ET PROCEDE D'ADAPTATION A L'ENVIRONNEMENT DE CARACTERISTIQUES D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] PRESLEY, HARRY, US
[72] WASINGER, JERRY, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **POLYTHERAPIE POUR DES CANCERS CHIMIORESISTANTS**
[72] COPLAND, JOHN A., III, US
[72] TUN, HAN WIN, US
[72] COOPER, SIMON JAMES, US
[72] MARLOW, LAURA ANN, US
[71] CELGENE CORPORATION, US
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[72] ROTH, GREGORY B., US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDES ET SYSTEMES POUR CONVERTIR DU GAZ DE SYNTHESE EN UN PRODUIT HYDROCARBONE LIQUIDE**
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[72] DEPPE, GORDON R., US
[72] OLIVER, SCOTT, US
[72] PARHAM, DAVID W., US
[72] JOTHIMURUGESAN, KANDASWAMY, US
[72] KIBBY, CHARLES L., US
[72] DAS, TAPAN K., US
[72] PHILIPS, CHRISTINE M., US
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[72] DUX, DARIN L., US
[72] OLMSTEAD, JUSTIN D., US
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[54] **RESINES EN POUDRE AVEC DES CHARGES**
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[72] FOWLER, RAYMOND D., US
[72] COTHIRAN, JOHN D., US
[72] BUNN, AUBRA K., US
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[54] **PREPARATION TISSULAIRE POUR DIAGNOSTIC ULTRA-RAPIDE REMPLACANT LES COUPES CONGELEES**
[72] MORALES, AZORIDES R., US
[71] THE UNIVERSITY OF MIAMI, US
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[54] **MOUSSE FLEXIBLE SIMPLE COUCHE INCLUANT UN GEL DE POLYURETHANNE**
[72] SMIECINSKI, THEODORE M., US
[71] BASF SE, DE
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[54] **COMPOSITIONS ANTIOXYDANTES POUR LE TRAITEMENT DE L'INFLAMMATION OU DE DOMMAGES OXYDATIFS**
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[72] ALLEN, EDWARD P., US
[71] PERIO SCIENCES, LLC, US
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[54] **MISE EN ŒUVRE DE COMMUNICATIONS SECURISEES DANS UN SYSTEME DE SUPPORT**
[72] ROTH, GREGORY B., US
[72] CRAHEN, ERIC D., US
[72] BAER, GRAEME D., US
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[72] FITCH, NATHAN R., US
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[54] **COMPOSITION DE SOINS PERSONNELS COMPRENANT UN SYSTEME D'EMULSIFIANT NATUREL NE CONTENANT PAS D'AGENT EMULSIFIANT A LA SILICONE**
[72] PHAM, CATHERINE LE, US
[71] ELC MANAGEMENT LLC, US
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[54] **COMPOSITION DE SOINS PERSONNELS COMPRENANT UN SYSTEME D'EMULSIFIANT NATUREL NE CONTENANT PAS D'AGENT EMULSIFIANT A LA SILICONE**
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[54] **AIDE A L'UTILISATION DE DISPOSITIFS DE COMMANDE AVEC DIFFERENTS DISPOSITIFS ELECTRONIQUES**
[72] REAMS, WILLIAM R., US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **TRAITEMENT POUR REDUIRE L'ASPECT DEGARNI DES CHEVEUX**
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[72] GRAHN, ANITA MARIE, US
[72] KEEN, NATHAN ANDREW, US
[72] PELTIER, SARAH ROSE, US
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[54] **BANDELETTE REACTIVE UNITISEE**
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[54] **ENSEMBLE RESSORT ET AMORTISSEUR A GAZ ET PROCEDE ASSOCIE**
[72] BOUNDS, JOSEPH A., US
[71] FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC, US
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- [54] SYSTEME POUR CONTROLE ET TRANSMISSION EN TEMPS REEL VERS LA SURFACE D'EVENEMENTS SISMIQUES DANS UNE FRACTURE HYDRAULIQUE PAR L'AVANT-TRON DU Puits DE TRAITEMENT UTILISE COMME Puits DE SURVEILLANCE
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[72] BOULDIN, BRETT WAYNE, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[72] STROHMAIER, KARL G., US
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[72] MONCRIEF, FRANK N., US
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[71] VIDASYM, INC., US
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[54] **PROCEDE ET DISPOSITIF D'ALIMENTATION D'AU MOINS UN CONSOMMATEUR ELECTRIQUE D'UN TRAIN DE TIGES EN TENSION DE FONCTIONNEMENT**

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[72] JUD, JOHANN, AT

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[72] ATTWOOD, REECE, AU

[72] BAXTER, GLENN, AU

[71] BRADKEN RESOURCES PTY LIMITED, AU

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[54] **CONTROLEURS DE CHASSIS DESTINES A CONVERTIR DES FLUX UNIVERSELS**

[72] KOPONEN, TEEMU, US

[72] THIAKKAR, PANKAJ, US

[71] NICIRA, INC., US

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[54] **SYSTEME ET PROCEDE DE REGULATION DU NIVEAU DE LA PUISSANCE DE RAYONNEMENT POUR UN DISPOSITIF DE COMMUNICATION SANS FIL COMPRENANT DES ELEMENTS ACCORDABLES**

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[72] WARDEN, JAMES PAUL., US

[71] BLACKBERRY LIMITED, CA

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[54] **DERIVES DE METHANESULFONAMIDE SUBSTITUES EN TANT QUE LIGANDS DES RECEPTEURS DES VANILLOIDES**

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[72] BAHRENBERG, GREGOR, DE

[72] CHRISTOPH, THOMAS, DE

[72] LESCH, BERNHARD, DE

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[71] PPG EUROPE BV, NL
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[54] COUCHE DE RECOUVREMENT A PROPRIETES DE TRACTION REDUITES UTILISEE POUR LA REALISATION D'UN STRATIFIE RESISTANT A L'ABRASION
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[72] WENTZEL, DETLEF ANDREAS, DE
[71] DAKOR MELAMIN IMPRAGNIERUNGEN GMBH, DE
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[54] PROCEDE DE FABRICATION DE NANO-POINTES AVEC PROFIL CONTROLE
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[72] WOLKOW, ROBERT A., CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[72] PEREZ-FOULLERAT, DAVID, ES
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 [72] SIEGER, HERMANN, DE
 [72] BINDER, CHRISTIAN, DE
 [72] WERZ, HANS-JOACHIM, DE
 [72] ANASTASIJEVIC, NIKOLA, DE
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 [71] CROWN PACKAGING TECHNOLOGY, INC., US
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 [54] **DISPOSITIF ET PROCEDE DE SEPARATION POUR UN SYSTEME DE TRANSPORT PNEUMATIQUE DE MATIERE**
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 [72] CONTE, AURELIA, CN
 [72] KUEHNE, HOLGER, DE
 [72] KUHN, BERND, CH
 [72] NEIDHART, WERNER, FR
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 [71] F.HOFFMANN-LA ROCHE AG, CH
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 [54] **DISPOSITIF ET PROCEDE DE REPARTITION DE MASSES FLUIDES OU VERSABLES, EN PARTICULIER DE CHOCOLAT AERE**
 [72] ALTJOHANN, FRANK, DE
 [71] BUHLER GMBH, DE
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[54] **REACTIFS D'AGREGATION ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CEUX-CI**

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[72] KAKADJIAN, SARKIS RANKA, US

[72] ZAMORA, FRANK, US

[71] CLEARWATER INTERNATIONAL, L.L.C., US

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[54] **MODULATION D'UNE SPECIFICITE DE POLYPEPTIDE STRUCTURE**

[72] TITE, JOHN, GB

[72] WALKER, EDWARD, GB

[72] STACE, CATHERINE, GB

[72] TEUFEL, DANIEL, GB

[71] BICYCLE THERAPEUTICS LIMITED, GB

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[54] **PROCEDE DE DETOURAGE D'UNE LENTILLE OPHTHALMIQUE**

[72] LEMAIRE, CEDRIC, FR

[72] PINAULT, SEBASTIEN, FR

[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

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[54] **DISPOSITIF DE PRODUCTION DE BOISSON CHAUDE**

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[72] VUAGNIAUX, DIDIER, CH

[71] NESTEC S.A., CH

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[54] **METHODS FOR MAKING A FOAMED ADHESIVE CONTAINING CLOSED CELLS**

[54] **PROCEDES DE FABRICATION D'UN ADHESIF MOUSSE CONTENANT DES CELLULES FERMEES**

[72] LUNDE, ERIK, US

[72] PATEL, BHARAT D., US

[72] PATEL, RAVI, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

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[54] **PROCEDE DE COMMANDE DE BANDE PASSANTE ET DISPOSITIF CORRESPONDANT**

[72] GOUACHE, STEPHANE, FR

[72] HOUDAILLE, REMI, FR

[71] THOMSON LICENSING, FR

[85] 2014-03-25

[86] 2012-08-30 (PCT/EP2012/066801)

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[25] EN
[54] **METHOD OF SUPPLYING ENGINEERED WATERS FOR DRILLING AND HYDRAULIC FRACTURING OPERATIONS FOR WELLS AND RECAPTURING MINERALS AND OTHER COMPONENTS FROM OIL AND GAS PRODUCTION WASTE WATERS**

[54] **PROCEDE POUR FOURNIR DES EAUX TECHNIQUES DESTINEES A DES OPERATIONS DE FORAGE ET DE FRACTURATION HYDRAULIQUE DE PUIT, ET RECAPTURER DES MINERAUX ET D'AUTRES COMPOSANTS D'EAUX USEES DE PRODUCTION PETROLIERE ET GAZIERE**

[72] HESTER, STEPHEN EARL, US
[72] MERRILL, LESLIE DOUGLAS, US
[72] LLOYD, CHRISTOPHER R., US
[71] 212 RESOURCES, US
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[54] **AGENT DE TROPICALISATION**
[72] WHITEHOUSE, ANDREW STEVEN, GB
[71] NESTEC S.A., CH
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[54] **COMPOSITIONS DE PC/ABS IGNIFUGEES PRESENTANT DE BONNES PROPRIETES DE RESILIENCE, DE FLUIDITE ET DE RESISTANCE AUX PRODUITS CHIMIQUES**

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[72] ECKEL, THOMAS, DE
[72] WITTMANN, DIETER, DE
[72] KLEWPATINOND, PAUL, TH
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[54] **PROCEDE AMELIORE DE PREPARATION D'HEMATITE FINEMENT PARTICULAIRE ET DE PIGMENTS ROUGES D'OXYDE DE FER**

[72] KETTELER, GUIDO, DE
[72] HOLTSMANN, UDO, DE
[72] KISCHKEWITZ, JUERGEN, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[72] LESTOQUOY, CHARLES, FR
[72] DESEYNE, PATRICK, FR
[72] GRARE, SEBASTIEN, FR
[71] ASSOCIATION DES PARALYSES DE FRANCE APF, FR
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[54] **DERIVES DE METHANESULFONAMIDE SUBSTITUES PAR UN ARYLE OU N-HETEROARYLE EN TANT QUE LIGANDS D'UN RECEPTEUR VANILLOIDE**
[72] FRANK-FOLTYN, ROBERT, DE
[72] BAHRENBERG, GREGOR, DE
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[54] **SYSTEME ET PROCEDE DE REPRISE APRES SINISTRE**
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[72] MOOTE, STANLEY ROBERT, CA
[71] HBC SOLUTIONS INC., US
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[54] **PROCEDE ET DISPOSITIF D'ANALYSE DE LA QUALITE DE L'ENERGIE ELECTRIQUE DANS UN RESEAU ELECTRIQUE TRIPHASE**
[72] LEPRETTRE, BENOIT, FR
[72] CRACIUN, OCTAVIAN, FR
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[54] **ELECTRONIC DEVICE, SYSTEM COMPRISING SUCH DEVICE AND METHOD FOR AUTOMATIC DETECTION OF CAGE CONDITION AND PRESENCE**
[54] **DISPOSITIF ELECTRONIQUE, SYSTEME COMPORTANT UN TEL DISPOSITIF ET PROCEDE DE DETECTION AUTOMATIQUE D'ETAT D'UNE CAGE ET DE PRESENCE**
[72] BERNARDINI, PIETRO, IT
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[54] **REGARD VIDANGEABLE ET PROCEDES ASSOCIES**
[72] ALJOHANI, SAMER MOHAMMED, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **APPAREIL DENTAIRE POUR TRAITER LA MALOCCLUSION**
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[54] **DISPOSITIF D'USINAGE DE MATERIAUX PAR BROYAGE OU PERFORAGE, ET PROCEDE ASSOCIE**
[72] MULLER, MARTIN, CH
[72] ANDEREGG, ROLAND, CH
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[54] **ANALOGUES DE NUCLEOSIDES POUR LE TRAITEMENT D'UNE INFECTION VIRALE, ET METHODE D'EVALUATION DE LA SENSIBILITE AUDIT TRAITEMENT**
[72] CALVEZ, VINCENT, FR
[72] MARCELIN, ANNE-GENEVIEVE, FR
[72] SOULIE, CATHIA, FR
[72] ETHEVE-QUELQUEJEU, MELANIE, FR
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[72] BRAUNFELD, RONALD J., US
[72] MITROVIC, IVAN, US
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[54] **STATUS MONITOR FOR CASINO PRINT SYSTEM AND CORRESPONDING METHODS FOR STATUS MONITORING**
[54] **MONITEUR D'ETAT POUR SYSTEME D'IMPRESSION DE CASINO ET PROCEDES CORRESPONDANTS DE SURVEILLANCE D'ETAT**
[72] SHULDMAN, BART, US
[72] CLARKE, SHAWN KEVIN, CA
[72] BROOKS, DONALD, US
[71] TRANSACT TECHNOLOGIES INCORPORATED, US
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- [54] COMPOSITION DE CEMENTATION COMPRENANT DES ETHERS DE CELLULOSE MODIFIES ANIONIQUEMENT ET HYDROPHOBIQUEMENT ET SON UTILISATION
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[72] BELKIN, ANATOLY S., US
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[54] **ECHAFAUDAGES BIOLOGIQUES POUR LA FORMATION DE PLAQUES MOTRICES ET D'AUTRES STRUCTURES TISSULAIRES SPECIALISEES**
[72] CHRIST, GEORGE J., US
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[71] INTERNATIONAL PAPER COMPANY, US
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[72] SAULENAS, WILLIAM G., US
[72] BUTZ, MARION GERTRAUD, DE
[72] DESTEFANO, MARK ANTHONY, US
[72] CLEMENTE, MATTHEW, US
[71] ANIMAS CORPORATION, US
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[72] ANCESE, OHAD, IL
[71] OR NOVELTIES LTD., IL
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[54] **3-PYRIMIDIN-4-YL-OXAZOLIDIN-2-ONES COMME INHIBITEURS D'IDH MUTANTE**
[72] CHO, YOUNG SHIN, US
[72] LEVELL, JULIAN ROY, US
[72] TOURE, BAKARY-BARRY, US
[72] YANG, FAN, US
[72] CAFERRO, THOMAS, US
[72] LEI, HUANGSHU, CN
[72] LENOIR, FRANCOIS, US
[72] LIU, GANG, US
[72] PALERMO, MARK G., US
[72] SHULTZ, MICHAEL DAVID, US
[72] SMITH, TROY, US
[72] COSTALES, ABRAN Q., US
[72] PFISTER, KEITH BRUCE, US
[72] SENDZIK, MARTIN, US
[72] SHAFER, CYNTHIA, US
[72] SUTTON, JAMES, US
[72] ZHAO, QIAN, US
[71] NOVARTIS AG, CH
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[72] MATSUZAKI, YUICHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **ENDOPROTHESE BIORESORBABLE**
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[71] MAGNUS STENT IC, GB
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[54] **MACROCYCLIC FLT3 KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE FLT3 MACROCYCLIQUES**
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[72] HOFACK, JAN MARIE CYRIEL JOZEF, BE
[71] ONCODESIGN S.A., FR
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[54] **BACTERIE POUVANT ETRE UTILISEE EN TANT QUE PROBIOTIQUE DANS DES APPLICATIONS NUTRITIONNELLES ET MEDICALES**

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[71] GT BIOLOGICS LTD, GB
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[54] **MELTPROCESSED FLUOROPOLYMER ARTICLE AND METHOD FOR MELT-PROCESSING FLUOROPOLYMERS**

[54] **ARTICLE DE FLUOROPOLYMERE TRAITE A L'ETAT FONDU ET PROCEDE POUR LE TRAITEMENT A L'ETAT FONDU DE FLUOROPOLYMERE**

[72] SUPRIYA, LAKSHMI, US
[72] COMEAUX, CHRISTOPHER M., US
[72] LEBOEUF, MATHILDE, US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[54] **PROCEDE DE RELIURE DE PAGES ET ELEMENT DE RELIURE ET DISPOSITIF DE RELIURE APPLIQUES A CELUI-CI**

[72] PELEMAN, GUIDO, BE
[71] UNIBIND LIMITED, CY
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[54] **ANTIVIRAUX A LARGE SPECTRE CONTRE DES PROTEASES 3C OU 3C-ASSOCIEES DU SUPER-GROUPE DES PICORNAVIRUS-ASSOCIES : PICORNAVIRUS, CALCIVIRUS ET CORONAVIRUS**

[72] CHANG, KYEONG-OK, US
[72] KIM, YUNJEONG, US
[72] GROUTAS, WILLIAM C., US
[72] HUA, DUY, US
[72] SAIF, LINDA J., US
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US
[71] THE OHIO STATE UNIVERSITY, US
[71] WICHITA STATE UNIVERSITY, US
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[54] **PROCEDES ET DISPOSITIF POUR AMELIORER DES SYSTEMES DE MISE A JOUR DE PARAMETRES DE CONFIGURATION D'ECHANGE DE DONNEES DE COMMUNICATION EN CHAMP PROCHE (NFC)**

[72] HILLAN, JOHN, US
[72] CHINGALANDE, DUBAI, US
[71] QUALCOMM INCORPORATED, US
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[54] **ENTRAINEMENT SIMULTANE DE SERRAGE ET DE COUPLE**

[72] ROSANO, HUGO LEONARDO, NO
[72] DRZEWIECKI, LOPEK, CA
[71] NATIONAL OILWELL VARCO NORWAY AS, NO
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SERVICE IMAGES
[54] COMMANDE UNIFORME
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[72] TYRA, ANDREW S., US
[72] THIMSEN, JOHN DANIEL., US
[71] AMAZON TECHNOLOGIES, INC.,
US
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[54] CAPSULE DE BOISSON AVEC
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[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
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[25] EN
[54] METHOD AND MACHINE FOR
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CAPSULE OBTAINED USING THE
METHOD
[54] PROCEDE ET MACHINE POUR
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USAGE UNIQUE POUR DES
BOISSONS ET CAPSULE
OBTENUE A L'AIDE DE CE
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[71] IMA INDUSTRIES S.R.L., IT
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[54] PLACE DE MARCHE
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[72] GOLDEN, MANINE R., US
[72] ZIPKIN, DAVID, US
[72] THIMSEN, JOHN DANIEL., US
[72] TYRA, ANDREW S., US
[72] HANOLD, TERRANCE D., US
[71] AMAZON TECHNOLOGIES, INC.,
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SAME
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[72] SCHURTER, PAUL., CA
[72] LIM, TIMOTHY, CA
[72] DOLAN, PAUL., US
[72] SHARIFI, HAMED, US
[71] ARCELORMITTAL
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[25] EN
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[72] BIRONOAIL, YUNAS, GB
[72] ELLIOTT, ALISON CLARE, GB
[72] GAULIER, STEVEN, GB
[72] LING, KENNETH, GB
[72] MITCHELL, GLYNN, GB
[72] MORRIS, JAMES ALAN, GB
[72] RZEPA, PAULA ROCHA, GB
[72] VINER, RUSSELL COLIN, GB
[71] SYNGENTA LIMITED, GB
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[54] SYSTÈME D'AIDE A LA
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[72] AKIYAMA, TOMONORI, JP
[71] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
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[54] PROCEDE AMELIORE DE PREPARATION DE DERIVES DE SULFAMIDES

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[72] FAESSLER, ROGER, CH

[71] JANSSEN PHARMACEUTICA NV, BE

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[72] COPENHAVER, RANDOLPH LEE, US

[71] AIRBORNE SYSTEMS NORTH AMERICA OF NJ INC., US

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[54] DISPOSITIF POUR INCONTINENCE URINAIRE FEMININE

[72] BERCOVICH, EYAL, IL

[71] BERCOVICH, EYAL, IL

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[54] CALCUL DE PUISSANCE DE LENTILLE INTRAOCULAIRE (IOL) SELON LA POSITION D'IOL DIRECTEMENT DETERMINEE

[72] SIMPSON, MICHAEL J., US

[71] NOVARTIS AG, CH

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[86] 2012-10-10 (PCT/US2012/059462)

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[54] EXTRACTION DE DONNEES DE CARACTERISTIQUE D'IMAGE ET UTILISATION

[72] BHARDWAJ, ANURAG, US

[72] DI, WEI, US

[72] HAMID, MUHAMMAD RAFFAY, US

[72] PIRAMUTHU, ROBINSON, US

[72] SUNDARESAN, NEELAKANTAN, US

[72] JAGADEESH, VIGNESH, US

[71] EBAY INC., US

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[30] US (61/554,890) 2011-11-02

[30] US (61/567,050) 2011-12-05

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[30] US (13/631,842) 2012-09-28

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[30] US (13/631,848) 2012-09-28

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[13] A1

[51] Int.Cl. A61M 1/06 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR CONTROLLING FLOW RATES AND PATTERNS OF HUMAN MILK SECRETION BY A BREAST PUMP

[54] PROCEDE ET APPAREIL DE REGULATION DES DEBITS ET DES MODELES DE SECRETION DE LAIT HUMAIN FAISANT APPEL A UNE POMPE TIRE-LAIT

[72] SELLA, YOAV, IL

[72] POLGAR, YAAKOV, IL

[71] VASA APPLIED TECHNOLOGIES LTD, IL

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[25] EN

[54] 5 - BENZYLAMINOMETHYL - 6 - AMINOPYRAZOLO [3,4-B] PYRIDINE DERIVATIVES AS CHOLESTERYL ESTER-TRANSFER PROTEIN (CETP) INHIBITORS USEFUL FOR THE TREATMENT OF ATHEROSCLEROSIS

[54] DERIVES DE 5 - BENZYLAMINOMETHYL - 6 - AMINOPYRAZOLO [3,4-B] PYRIDINE UTILES COMME INHIBITEURS DE LA CHOLESTERYL ESTER-TRANSFER PROTEINE (CETP) DANS LE TRAITEMENT DE L'ATHEROSCLEROSE

[72] BORUANI, ANIMA, IN

[72] ALIKUNJU, SHANAVAS, IN

[71] DR. REDDY'S LABORATORIES, LTD., IN

[85] 2014-03-25

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[25] EN
[54] **ULTRASONIC DEVICE WITH INTEGRATED GAS DELIVERY SYSTEM**
[54] **DISPOSITIF A ULTRASONS MUNI DE SYSTEME DE DISTRIBUTION DE GAZ INTEGRE**
[72] RUNIKQUIST, VICTOR F., US
[72] GILL, KEVIN S., US
[71] SOUTHWIRE COMPANY, US
[85] 2014-03-25
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[51] Int.Cl. A61K 31/167 (2006.01) A61K 9/70 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61L 15/00 (2006.01) A61P 21/00 (2006.01) A61P 23/02 (2006.01)
[25] EN
[54] **NON-AQUEOUS PATCH**
[54] **PATCH NON AQUEUX**
[72] MORI, TATSUYA, JP
[72] SAIDA, NAORYUKI, JP
[71] ITOCHU CHEMICAL FRONTIER CORPORATION, JP
[71] OISHI KOSSEIDO CO., LTD., JP
[85] 2014-03-24
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[25] EN
[54] **METHOD OF ACHIEVING IMPROVED HAIR FEEL**
[54] **PROCEDE POUR OBTENIR UNE SENSATION CAPILLAIRE AMELIOREE**
[72] JOHNSON, ERIC SCOTT, US
[72] STAUDIGEL, JAMES ANTHONY, US
[72] RENOCK, SEAN MICHAEL, US
[72] SCHUBERT, BETH ANN, US
[72] HAMERSKY, MARK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[72] RAINEY, RODERICK CHARLES TASMAN, GB
[71] CHECKMATE SEAENERGY LIMITED, GB
[85] 2014-03-25
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[30] GB (1100606.1) 2011-01-14

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[54] **CARTOUCHE DE RASAGE A REGION EVIDEE ALLONGEE**
[72] JESSEMEY, PAUL MICHAEL, GB
[72] WAIN, KEVIN JAMES, GB
[71] THE GILLETTE COMPANY, US
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[54] **APPARATUS AND METHOD FOR DYNAMIC RANGE TRANSFORMING OF IMAGES**
[54] **APPAREIL ET PROCEDE DE TRANSFORMATION DE PLAGE DYNAMIQUE D'IMAGES**
[72] KNIBBELER, CHARLES LEONARDUS CORNELIUS MARIA, NL
[72] VAN DER VLEUTEN, RENATUS JOSEPHUS, NL
[72] DE HAAN, WIEBE, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **ANTI-HTRA1 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-HTRA1 ET LEURS PROCEDES D'UTILISATION**
[72] WU, YAN, US
[72] VAN LOOKEREN-CAMPAGNE, MENNO, US
[72] KIRCHHOFFER, DANIEL, US
[72] LIPARI, MICHAEL TERRY, US
[72] KATSCHKE, KENNETH J., JR., US
[72] MORAN, PAUL M., US
[72] STAWICKI, SCOTT, US
[72] LIANG, WEI-CHING, US
[71] GENENTECH, INC., US
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[54] **COMMUNICATION AND CHARGING CIRCUITRY FOR A SINGLE-COIL IMPLANTABLE MEDICAL DEVICE**

[54] **CIRCUITERIE DE COMMUNICATION ET DE CHARGE POUR UN DISPOSITIF MEDICAL IMPLANTABLE A UNE SEULE BOBINE**

[72] FELDMAN, EMANUEL, US

[72] DRONOV, VASILY, US

[72] PARRAMON, JORDI, US

[72] OZAWA, ROBERT, US

[72] RAHMAN, MIZANUR, US

[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US

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[54] **THERAPEUTIC COMBINATIONS AND METHODS OF TREATING MELANOMA**

[54] **ASSOCIATIONS THERAPEUTIQUES ET METHODES DE TRAITEMENT DU MELANOME**

[72] POLAKIS, PAUL, US

[72] ASUNDI, JYOTI, US

[72] CLARK, SUZANNA, US

[71] GENENTECH, INC., US

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[54] **THERAPEUTIC ANTIGEN-BINDING MOLECULE WITH A FCRN-BINDING DOMAIN THAT PROMOTES ANTIGEN CLEARANCE**

[54] **MOLECULE THERAPEUTIQUE DE LIAISON A UN ANTIGENE COMPRENANT UN DOMAINE DE LIAISON AU FCRN FAVORISANT LA CLAIRANCE DES ANTIGENES**

[72] IGAWA, TOMOYUKI, JP

[72] MAEDA, ATSUSHI, JP

[72] MIMOTO, FUTA, JP

[72] KURAMOTO, TAICHI, JP

[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP

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[54] **FLAMEPROOF SPUN YARN, FABRIC, CLOTHES AND FLAMEPROOF WORK CLOTHES**

[54] **FIL FILE RESISTANT A LA FLAMME, TISSU, VETEMENT ET VETEMENT DE TRAVAIL RESISTANT A LA FLAMME**

[72] MIZOBUCHI, ATSUSHI, JP

[72] MIURA, TAKESHI, JP

[72] KUSUDO, KAZUMASA, JP

[72] IIDE, JUNYA, JP

[71] KANEKA CORPORATION, JP

[71] KURARAY CO., LTD., JP

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[54] **APPAREIL ET PROCEDE DE TRANSFORMATION DE GAMME DYNAMIQUE D'IMAGES**

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[72] KNIBBELER, CHARLES LEONARDUS CORNELIUS MARIA, NL

[71] KONINKLIJKE PHILIPS N.V., NL

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[54] **METHOD FOR PRODUCING ELECTRODE COVERED WITH SODIUM METAL**

[54] **PROCEDE DE FABRICATION D'UNE ELECTRODE RECOUVERTE DE SODIUM METALLIQUE**

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[72] KOBAYASHI, HITOSHI, JP

[72] YAMASHITA, TOSHIYUKI, JP

[72] MARUYAMA, SHINICHI, JP

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[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] TRANSMISSION SYSTEM, PARTICIPATION FEE MANAGEMENT METHOD, COMPUTER PROGRAM PRODUCT, AND MAINTENANCE SYSTEM
[54] SYSTEME DE TRANSMISSION, PROCEDES DE GESTION DE FRAIS DE PARTICIPATION, PRODUIT PROGRAMME D'ORDINATEUR ET SYSTEME DE MAINTENANCE
[72] MIIDA, TETSUYA, JP
[72] HAMADA, YUUTA, JP
[72] KANAI, YOICHI, JP
[72] UMEHARA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP
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[54] TOLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD ET SON PROCEDE DE PRODUCTION
[72] AZUMA, MASAFUMI, JP
[72] WAKABAYASHI, CHISATO, JP
[72] NOZAKI, TAKAYUKI, JP
[72] TAKAHASHI, MANABU, JP
[72] FUJITA, NOBUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] GALVANIZED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME
[54] FEUILLE D'ACIER GALVANISEE ET SON PROCEDE DE FABRICATION
[72] NOZAKI, TAKAYUKI, JP
[72] TAKAHASHI, MANABU, JP
[72] FUJITA, NOBUHIRO, JP
[72] AZUMA, MASAFUMI, JP
[72] WAKABAYASHI, CHISATO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] PAINT PRETREATMENT AGENT FOR COATING-TYPE PAINT, AND COATING-TYPE PAINTING METHOD
[54] AGENT DE PRETRAITEMENT DE PEINTURE POUR PEINTURE DE TYPE A REVETEMENT ET PROCEDE DE PEINTURE DE TYPE A REVETEMENT
[72] TOI, TERUZO, JP
[72] INOUE, MINORU, JP
[71] NIPPON PAINT CO., LTD., JP
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[54] CATALYTIC INK PREPARATION METHOD
[54] PROCEDE D'AJUSTEMENT D'ENCRE CATALYTIQUE
[72] TOYOSHIMA, KENICHI, JP
[72] HORIBE, NORIFUMI, JP
[72] TERASAKI, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **INFORMATION PROCESSING DEVICE, INFORMATION STORAGE DEVICE, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND PROGRAM**

[54] **DISPOSITIF DE TRAITEMENT DE DONNEES, DISPOSITIF DE STOCKAGE DE DONNEES, SYSTEME DE TRAITEMENT DE DONNEES, PROCEDE DE TRAITEMENT DE DONNEES ET PROGRAMME**

[72] KOBAYASHI, YOSHIIYUKI, JP

[72] KUNO, HIROSHI, JP

[72] HAYASHI, TAKAMICHI, JP

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[71] IK CORPORATION, KR

[71] ISOLAR CO., LTD., KR

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[54] **LEADLESS FREE-CUTTING COPPER ALLOY AND METHOD FOR PRODUCING THE SAME**

[54] **ALLIAGE DE DECOLLETAGE EN CUIVRE SANS PLOMB ET SON PROCEDE DE PRODUCTION**

[72] LEE, BEUM JAE, KR

[72] KIM, WON HONE, KR

[72] PARK, CHEOL MIN, KR

[72] CHO, YOUNG RE, KR

[72] JEONG, MIN JAE, KR

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[54] **METHOD FOR PREPARING 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)-PROP-2-EN-1-ONE HYDROCHLORIDE AND INTERMEDIATES USED THEREIN**

[54] **PROCEDE DE PREPARATION DU CHLORHYDRATE DE 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)-PROP-2-EN-1-ONE ET INTERMEDIAIRES UTILISES AU COURS DUDIT PROCEDE DE PREPARATION**

[72] BANG, KEUK CHAN, KR

[72] MOON, YOUNG HIO, KR

[72] CHANG, YOUNG KIL, KR

[71] HANMI SCIENCE CO., LTD., KR

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[54] **PROTHESE HERNIAIRE IMPLANTABLE COMPORTANT UN ANNEAU D'UN SEUL TENANT**

[72] DE MELO SOARES DA COSTA, RUI MANUEL, PT

[72] DE ALMEIDA LOURENCO, AUGUSTO MANUEL, PT

[71] BARD SHANNON LIMITED, US

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[54] **DEVICE AND METHOD FOR DRIVING TUNNELS, GALLERIES OR THE LIKE**

[54] **DISPOSITIF ET PROCEDE POUR TUNNELS ROUTIERS, GALERIES OU ANALOGUES**

[72] HARTWIG, SVERKER, SE

[72] EMANUELSSON, KAJ, SE

[72] BACK, JERK, SE

[71] ATLAS COPCO ROCK DRILLS AB, SE

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[54] SYSTEMES ET PROCEDES POUR EXECUTER UNE SUPPRESSION DYNAMIQUE DANS DES DISPOSITIFS RADIOFREQUENCE
[72] SPLITZ, DAVID E., US
[72] SHOESMITH, WILLIAM C., US
[72] GRADY, ROBERT H., US
[71] MUELLER INTERNATIONAL, LLC, US
[85] 2014-03-25
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[87] (WO2013/062613)
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[30] US (13/339,655) 2011-12-29

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[13] A1
[51] Int.Cl. C10M 105/36 (2006.01) C07C 51/42 (2006.01) C07C 55/02 (2006.01) C07C 55/22 (2006.01) C10M 169/04 (2006.01)
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[54] INDUSTRIAL OIL COMPRISING A BIO-DERIVED ESTER
[54] HUILE INDUSTRIELLE COMPRENANT UN ESTER D'ORIGINE BIOLOGIQUE
[72] KETTERER, NICOLE A., US
[72] OKAZAKI, MARK E., US
[72] ELOMARI, SALEH A., US
[71] CHEVRON U.S.A. INC., US
[85] 2014-03-25
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[51] Int.Cl. G21G 1/12 (2006.01) B01D 7/00 (2006.01) H05H 6/00 (2006.01) C01G 3/00 (2006.01) G21K 5/08 (2006.01)
[25] EN
[54] METHODS FOR PRODUCING CU-67 RADIOISOTOPE WITH USE OF A CERAMIC CAPSULE FOR MEDICAL APPLICATIONS
[54] PROCEDES POUR PRODUIRE DU RADIO-ISOTOPE CU-67 A L'AIDE D'UNE CAPSULE DE CERAMIQUE POUR DES APPLICATIONS MEDICALES
[72] EHST, DAVID A., US
[72] WILLIT, JAMES L., US
[71] UCHICAGO ARGONNE, LLC, US
[85] 2014-03-25
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[25] EN
[54] FLUID LOSS ADDITIVES AND METHODS OF MAKING AND USING SAME
[54] ADDITIFS ANTI-PERTE DE FLUIDE, LEURS PROCEDES DE PREPARATION ET D'UTILISATION
[72] HARRIS, JEFFERY R., US
[72] EVANS, FRANK E., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2014-03-25
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[51] Int.Cl. F02B 67/06 (2006.01) B60K 6/10 (2006.01) B60K 25/00 (2006.01)
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[54] SYSTEME HYBRIDE A VOLANT D'INERTIE
[72] SERKII, ALEXANDER, US
[72] ALI, IMTIAZ, US
[71] THE GATES CORPORATION, US
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[86] 2012-08-28 (PCT/US2012/052696)
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[72] ANTAL, KEITH E., SR., US
[71] SONOCO DEVELOPMENT, INC., US
[85] 2014-03-25
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[54] SYSTEMES OPTIQUES A BALAYAGE
[72] CHEN, KEQIN, CA
[72] MANSOOR, HADI, CA
[72] CHIAO, MU, CA
[72] ZENG, HAISHAN, CA
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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- [54] **POLYPEPTIDES A ACTIVITE ALPHA-AMYLASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
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[72] DUAN, JUNXIN, CN
[72] TSUTSUMI, NORIKO, JP
[72] COWARD-KELLY, GUILLERMO, US
[72] LUNDKVIST, HENRIK, SE
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[71] NOVOZYMES NORTH AMERICA, INC., US
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[72] RADWANSKI, STEFAN MAREK, US
[71] CAMERON INTERNATIONAL CORPORATION, US
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- [54] **ENSEMBLE GACHE ELECTRIQUE**
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[71] RUTHERFORD CONTROLS INTERNATIONAL CORP., CA
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- [72] LIVSHITZ, BORIS, US
[71] LSI CORPORATION, US
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- [54] **VISUALISATION D'ARTICLES UTILISANT UNE REALITE AUGMENTEE**
- [72] SACCO, NATHAN, US
[71] EBAY INC., US
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- [54] **SYSTEM, METHODS, AND COMPUTER READABLE-MEDIUM PROVIDING PAYMENT ACCOUNTS FOR HEALTHCARE RELATED SECURE REGISTRY**
- [54] **SYSTEME, PROCEDES ET SUPPORT LISIBLE PAR ORDINATEUR FOURNISSANT DES COMPTES DE PAIEMENT POUR UN REGISTRE SECURISE RELATIF AUX SOINS DE SANTE**
- [72] MCCUE, DARREN M., US
[72] JAGEMANN, PAULA L., US
[72] SCHIFF, ANDREW Z., US
[71] SOMEONE WITH, LLC, US
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- [72] LEWIS, MICHAEL W., US
[72] ROTTIG, ANDREE, BR
[72] VAN LATUM, LUCAS, US
[71] MODULAR MINING SYSTEMS, INC., US
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- [54] **SONDE DE REFLUX**
- [72] BIGNALL, SIMON, GB
[71] BABIESFIRST LIMITED, GB
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[86] 2012-10-03 (PCT/EP2012/069552)
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- [54] **METHODS AND APPARATUS FOR NITROGEN REMOVAL FROM WASTEWATER**
- [54] **PROCEDES ET APPAREILS PERMETTANT D'ELIMINER L'AZOTE PRESENT DANS LES EAUX USEES**
- [72] REZANIA, BABAK, CA
[72] SHIOA, TINA, US
[71] REZANIA, BABAK, CA
[71] SHIOA, TINA, US
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- [54] VARIANTS D'ALPHA-AMYLASE POUR OBTENTION DE MALTOHEXAOSE VARIANT
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- [72] ESTELL, DAVID A., US
- [72] KOLKMAN, MARC, US
- [72] MULDER, HARM, US
- [71] DANISCO US INC., US
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- [71] AUTOINVENT TRANSP AB, SE
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- [72] RIZZI, ANDREA, IT
- [71] CHIESI FARMACEUTICI S.P.A., IT
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- [54] DERIVES D'ETHYNYLE COMME MODULATEURS ALLOSTERIQUES DE MGLUR5
- [72] JAESCHKE, GEORG, CH
- [72] LINDEMANN, LOTHAR, CH
- [72] RICCI, ANTONIO, CH
- [72] RUEHER, DANIEL, FR
- [72] STADLER, HEINZ, CH
- [72] VIEIRA, ERIC, CH
- [71] F. HOFFMANN-LA ROCHE AG, CH
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- [54] APPAREIL ET PROCEDE POUR FABRIQUER DES PERLES SOLIDES
- [72] PALMER, DANIEL, GB
- [72] SHADICK, OWEN, GB
- [71] Q CHIP LIMITED, GB
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- [54] MICROPARTICULES CRISTALLINES D'UN BETA-AGONISTE ENROBE D'UN ACIDE GRAS
- [72] BRAMBILLA, GAETANO, IT
- [72] COLOMBO, PAOLO, IT
- [72] BUTTINI, FRANCESCA, IT
- [72] MIOZZI, MICHELE, IT
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- [54] COMPOSITIONS POUR ECHANGE D'IONS, PROCEDES DE FABRICATION ET MATERIAUX AINSI PRODUITS
- [72] MACDONALD, RUSSELL JAMES, US
- [72] GUIDIPATI, CHAKRAVARTHY, SG
- [72] ZHANG, KAI, SG
- [71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME ET PROCEDE D'INJECTION DANS LE SOL**
[72] DE LANY, THOMAS, US
[72] ANDROS, MATTHEW JAMES, US
[72] STAPP, GARRETT JOHN, US
[72] KLIPPENSTEIN, THOMAS, US
[71] AQUA CENTS WATER MANAGEMENT, LLC, US
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[54] **SUBSTRATS IMPRIMABLES RESISTANTS A UN SOLVANT ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DOLSEY, RUSSELL, US
[71] NEENAH PAPER, INC., US
[85] 2014-03-25
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[30] US (13/290,471) 2011-11-07

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[54] **STABLE DOSAGE FORMS OF ARTEROLANE AND PIPERAQUINE**
[54] **FORMES POSOLOGIQUES STABLES D'ARTEROLANE ET DE PIPERAQUINE**
[72] ENOSE, ARNO APPAVOO, IN
[72] MADAN, HARISH KUMAR, IN
[72] MADAN, SUMIT, IN
[72] TREHAN, ANUPAM, IN
[72] TYAGI, PUNEET, IN
[72] ARORA, VINOD KUMAR, IN
[71] RANBAXY LABORATORIES LIMITED, IN
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[25] EN
[54] **METHOD AND APPARATUS FOR ASSEMBLING DISPOSABLE ABSORBENT ARTICLES WITH AN EMBOSSED TOPSHEET**
[54] **PROCEDE ET APPAREIL D'ASSEMBLAGE D'ARTICLES ABSORBANTS JETABLES AVEC FEUILLE SUPERIEURE GAUFREE**
[72] PALDEY, SOHINI, US
[72] BROWN, DARRELL IAN, US
[72] DREHER, ANDREAS JOSEF, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET AND HIGH-STRENGTH ALLOYED HOT-DIP GALVANIZED STEEL SHEET HAVING EXCELLENT FORMABILITY AND SMALL MATERIAL ANISOTROPY WITH ULTIMATE TENSILE STRENGTH OF 980 MPA OR MORE AND MANUFACTURING METHOD THEREFOR**
[54] **FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD DE TRES GRANDE RESISTANCE, PRESENTANT PEU D'ANISOTROPIE MATERIELLE, UNE EXCELLENTE APTITUDE AU MOULAGE ET POSSEDANT UNE RESISTANCE MAXIMALE A LA TRACTION SUPERIEURE OU EGALE A 980 MPA, FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD D'ALLIAGE DE TRES GRANDE RESISTANCE, AINSI QUE PROCEDE DE FABRICATION ASSOCIE**
[72] AZUMA, MASAFUMI, JP
[72] WAKABAYASHI, CHISATO, JP
[72] NOZAKI, TAKAYUKI, JP
[72] FUJITA, NOBUHIRO, JP
[72] TAKAHASHI, MANABU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **PROCEDE DE PRODUCTION DE MATERIAUX CERAMIQUES LEGERES**
[72] VON RYMON LIPINSKI, TADEUSZ, DE
[72] KELLER, BRUNO, DE
[72] BEISSMANN, FRANK, DE
[72] NEUGEBAUER, PETER, DE
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[72] POPPE, DIRK, DE
[71] EVONIK ROEHM GMBH, DE
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[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET**
[54] **FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE**
[72] YAMANAKA, SHINTARO, JP
[72] FUJITA, SOSHI, JP
[72] SATO, KOICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **PROCEDES BIOLOGIQUES DE PREPARATION D'ACIDE ADIPIQUE**
[72] PICATAGGIO, STEPHEN, US
[72] BEARDSLEE, TOM, US
[71] VERDEZYNE, INC., US
[85] 2014-03-25
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[54] **SYNTHESIS METHOD AND INTERMEDIATES USEFUL IN THE PREPARATION OF PYRROLOBENZODIAZEPINES**
[54] **PROCEDE DE SYNTHESE ET INTERMEDIAIRES POUVANT SERVIR A PREPARER DES PYRROLOBENZODIAZEPINES**
[72] HOWARD, PHILIP WILSON, GB
[72] TIBERGHIEN, ARNAUD, GB
[71] SPIROGEN SARL, CH
[85] 2014-03-26
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[25] EN
[54] **CHEMICAL INJECTION CONTROL METHOD AND CHEMICAL INJECTION CONTROLLER**
[54] **PROCEDE DE CONTROLE DE L'INJECTION D'UN PRODUIT CHIMIQUE ET CONTROLEUR D'INJECTION DE PRODUIT CHIMIQUE**
[72] KONISHI, TAKAHIRO, JP
[72] OKUBO, SHINJI, JP
[72] HATTORI, KEI, JP
[72] GOJO, YUTAKA, JP
[71] ASAHI KASEI CHEMICALS CORPORATION, JP
[85] 2014-03-26
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[25] EN
[54] **MONOACYLGLYCEROL LIPASE INHIBITORS FOR THE TREATMENT OF METABOLIC DISEASES AND RELATED DISORDERS**
[54] **INHIBITEURS DE MONOACYLGLYCEROL LIPASE POUR LE TRAITEMENT DE MALADIES METABOLIQUES ET DE TROUBLES APPARENTES**
[72] CONNELLY, MARGERY, US
[72] FLORES, CHRISTOPHER M., US
[72] MACIELAG, MARK J., US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET AND HIGH-STRENGTH ALLOYED HOT-DIP GALVANIZED STEEL SHEET HAVING EXCELLENT PLATING ADHESION, FORMALITY, AND HOLE EXPANDABILITY WITH TENSILE STRENGTH OF 980 MPA OR MORE AND MANUFACTURING METHOD THEREFOR**

[54] **FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE ET FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD ALLIEE A HAUTE RESISTANCE, CHACUN AYANT UNE RESISTANCE A LA TRACTION DE 980 MPA OU PLUS, UNE EXCELLENTE ADHESION DE PLACAGE, UNE EXCELLENTE APTITUDE AU FORMAGE ET D'EXCELLENTE PROPRIETES D'EXPANSION DES TROUS ET LEUR PROCEDE DE FABRICATION**

[72] WAKABAYASHI, CHISATO, JP
[72] AZUMA, MASAFUMI, JP
[72] FUJITA, NOBUHIRO, JP
[72] SANO, KOHICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-03-26
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[54] **MULTILAYER INSULATED ELECTRIC WIRE AND ELECTRIC OR ELECTRONIC EQUIPMENT USING THE SAME**

[54] **CABLE ISOLE MULTICOUCHE, ET APPAREIL ELECTRIQUE/ELECTRONIQUE METTANT EN OEUVRE CELUI-CI**

[72] IKEDA, KEISUKE, JP
[72] OYA, MAKOTO, JP
[72] MUTO, DAISUKE, JP
[72] TOMIZAWA, KEIICHI, JP
[71] FURUKAWA ELECTRIC CO., LTD., JP
[71] FURUKAWA MAGNET WIRE CO., LTD., JP
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[72] HOWARD, PHILIP WILSON, GB
[72] TIBERGHIE, ARNAUD, GB
[72] JEFFREY, SCOTT, US
[72] BURKE, PATRICK, US
[71] SPIROGEN SARL, CH
[71] SEATTLE GENETICS, INC., US
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[54] **ADJUSTABLE DENTAL X-RAY IMAGE MEDIA HOLDER**

[54] **CHASSIS AJUSTABLE POUR SUPPORTS D'IMAGE RADIOLOGIQUE DENTAIRE**

[72] STEWARD, CURTIS L., JR., US
[72] MCDONOUGH, PAUL, US
[72] HARTLAUB, THADDEUS J., US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2014-03-26
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[54] **MEDICAL DELIVERY DEVICE WITH AN INITIAL LOCKED STATE, INTERMEDIATE PRIMING STATE AND A MEDICAMENT DELIVERY STATE**

[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT PRESENTANT UN ETAT INITIAL BLOQUE, UN ETAT INTERMEDIAIRE AMORCE ET UN ETAT D'ADMINISTRATION DE MEDICAMENT**

[72] DANIEL, MATTHIAS, SE
[72] KARLSSON, SEBASTIAN, SE
[71] SHL GROUP AB, SE
[85] 2014-03-26
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[54] **METHOD OF MAKING SOLID BEADS**
[54] **PROCEDE DE FABRICATION DE PERLES SOLIDES**
[72] PALMER, DANIEL, GB
[72] SHADICK, OWEN, GB
[71] Q CHIP LIMITED, GB
[85] 2014-03-26
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[54] **VEHICLE-SUSPENSION SHRINKABLE-TUBE PRODUCING DEVICE AND A SHRINKABLE-TUBE PRODUCTION METHOD USING SAME**
[54] **DISPOSITIF DE PRODUCTION DE TUBE RETRACTABLE POUR SUSPENSION DE VEHICULE ET PROCEDE DE PRODUCTION DE TUBE RETRACTABLE UTILISANT CELUI-CI**
[72] KIM, CHOON-SU, KR
[71] HANKYUNG COMPONENT TRADING CO., LTD, KR
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[25] EN
[54] **METHODS AND SYSTEMS FOR WELL PLANNING BASED ON A COMPLEX FRACTURE MODEL**
[54] **PROCEDES ET SYSTEMES POUR LA PLANIFICATION DES Puits BASES SUR UN MODELE DE FRACTURES COMPLEXE**
[72] KUMAR, AMIT, US
[72] DUSTERHOFT, RONALD G., US
[72] COLVIN, RICHARD D., US
[72] WILLIAMS, KENNETH E., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **A DISHWASHER**
[54] **LAVE-VAISSELLE**
[72] CETINKAYA, EBRU, TR
[72] DEMIRCIOLU, ISMAIL, TR
[72] AKYILDIZ, ERDEM, TR
[71] ARCELIK ANONIM SIRKETI, TR
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[54] **COMMUNICATION STATE TRANSITIONING CONTROL**
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[72] GUPTA, MARUTI, US
[72] KOC, ALI T., US
[72] VANNITHAMBY, RATH, US
[71] INTEL CORPORATION, US
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[54] **TECHNIQUES FOR ACCESSING LOGICAL NETWORKS VIA A PROGRAMMATIC SERVICE CALL**
[54] **TECHNIQUES POUR ACCEDER A DES RESEAUX LOGIQUES PAR L'INTERMEDIAIRE D'UN APPEL DE SERVICE PROGRAMMATIQUE**
[72] HEGG, JOEL C., US
[72] FURR, MICHAEL B., US
[72] MILLER, KEVIN C., US
[72] SCHULTZE, ERIC W., US
[72] DOANE, ANDREW J., US
[71] AMAZON TECHNOLOGIES, INC., US
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[51] **Int.Cl. A63B 71/08 (2006.01)**
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[54] **ORAL APPARATUS FOR OPTIMISING USER PERFORMANCE**
[54] **APPAREIL ORAL POUR OPTIMISER L'EFFICACITE DE L'UTILISATEUR**
[72] LOVAT, ANTHONY, GB
[71] OPRO INTERNATIONAL LIMITED, GB
[85] 2014-03-26
[86] 2012-09-17 (PCT/GB2012/052291)
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[54] **ELASTOMER COMPOSITION HAVING A VERY GOOD DISPERSION OF THE CHARGE IN THE ELASTOMER MATRIX**

[54] **COMPOSITION ELASTOMERIQUE PRESENTANT UNE TRES BONNE DISPERSION DE LA CHARGE DANS LA MATRICE ELASTOMERIQUE**

[72] SEVIGNON, MARC, FR

[72] BELIN, CECILE, FR

[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH

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[54] **NETWORK ARCHITECTURE FOR MINIMALISTIC CONNECTED OBJECTS**

[54] **ARCHITECTURE RESEAU POUR OBJETS CONNECTES MINIMALISTES**

[72] VASSEUR, JEAN-PHILIPPE, FR

[71] CISCO TECHNOLOGY, INC., US

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[54] **MUTATIONAL ANALYSIS OF JAK2**

[54] **ANALYSE DES MUTATIONS DE JAK2**

[72] COBB, BEN, GB

[71] EPISTEM LIMITED, GB

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[54] **VARIABLE PRINTING OF THERMOCHROMIC CODES**

[54] **IMPRESSION VARIABLE DE CODES THERMOCHROMIQUES**

[72] CLAYTON, TERRILL SCOTT, US

[71] CHROMATIC TECHNOLOGIES, INC., US

[85] 2014-03-26

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[54] **PARKING PISTON DIRECT CONNECTION TO APR ROD**

[54] **LIAISON DIRECTE DE PISTON DE STATIONNEMENT A UNE TIGE DE RELACHEMENT DE PRESSION AUTOMATIQUE**

[72] PLANTAN, RONALD S., US

[72] DARNER, BRETT S., US

[71] BENDIX SPICER FOUNDATION BRAKE LLC, US

[85] 2014-03-26

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[54] **COORDINATION OF SELF-OPTIMIZATION OPERATIONS IN A SELF ORGANIZING NETWORK**

[54] **COORDINATION D'OPERATIONS D'AUTO-OPTIMISATION DANS UN RESEAU AUTO-ORGANISABLE**

[72] CHOU, JOEY, US

[72] VENKATACHALAM, MUTHAIAH, US

[71] INTEL CORPORATION, US

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[54] **ROLLING STAND ROLL NECK SEAL**

[54] **JOINT D'ETANCHEITE DE PALIER DE FROTTEMENT DE CAGE DE LAMINAGE**

[72] DAUPHINAIS, RAYMOND P., US

[71] SIEMENS INDUSTRY, INC., US

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[54] **FORMULATIONS CONTENANT DES VEHICULEURS DE TEINTURES DE TYPE BENZOATE POUR ARTICLES EN META-ARAMIDE**

[72] GAMBLE, ALEKSANDR T., US

[72] DONATE, FELIPE A., US

[72] WASCHOWICZ, REBECCA J., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[25] EN
[54] **PREPARATIONS, THEIR PRODUCTION AND USE**
[54] **UTILISATION DE PREPARATIONS POUR LAVAGE EN LAVE-VAISSELLE**
[72] FISCHER, SONJA, DE
[72] TROPSCH, JURGEN, DE
[72] WEBER, HEIKE, DE
[72] ETTL, ROLAND, DE
[71] BASF SE, DE
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[87] (WO2013/083577)
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[51] **Int.Cl. B29C 44/34 (2006.01) C08J 9/12 (2006.01)**
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[54] **CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM**
[54] **PROCEDE CONTINU POUR EXTRAIRE UNE MOUSSE NANOPOREUSE**
[72] LANTZ, DENNIS R., US
[72] BEAUDOIN, DANIEL A., US
[72] BARGER, MARK A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. B32B 5/32 (2006.01) C08J 9/12 (2006.01)**
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[54] **POLYMERIC NANOFOAM**
[54] **NANOMOUSSE POLYMERIQUE**
[72] COSTEUX, STEPHANE, US
[72] BUNKER, SHANA P., US
[72] JEON, HYUN K., US
[72] JOG, PRASANNA K., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[87] (WO2013/048761)
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[51] **Int.Cl. C08L 23/12 (2006.01) H01B 3/44 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **HALOGEN-FREE PROPYLENE-BASED INSULATION AND CONDUCTOR COATED WITH SAME**
[54] **ISOLATION SANS HALOGENES PAR POLYPROPYLENE ET CONDUCTEUR AINSI ISOLE**
[72] LAUFER, CAROLINE H., US
[72] FU, LIN, US
[72] LIN, THOMAS S., US
[72] BISHOP, MATTHEW T., US
[72] LAKROUT, HAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. A61L 27/18 (2006.01) C08L 83/00 (2006.01)**
[25] EN
[54] **SILICONE IMPLANT WITH IMPRINTED TEXTURE**
[54] **IMPLANT EN SILICONE TEXTURE**
[72] MANESIS, NICHOLAS J., US
[72] LIU, FUTIAN, US
[71] ALLERGAN, INC., US
[85] 2014-03-26
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[87] (WO2013/048978)
[30] US (13/245,518) 2011-09-26

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[51] **Int.Cl. B05B 7/08 (2006.01)**
[25] EN
[54] **SPRAY DEVICE HAVING CURVED PASSAGES**
[54] **DISPOSITIF DE PULVERISATION POSSEDANT DES PASSAGES INCURVES**
[72] HASSELSCHWERT, DANIEL J., US
[72] CEIDIZ, ROGER T., US
[71] FINISHING BRANDS HOLDINGS INC., US
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[86] 2012-09-17 (PCT/US2012/055830)
[87] (WO2013/048809)
[30] US (61/542,019) 2011-09-30
[30] US (13/620,606) 2012-09-14

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **MULTIZONE TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT MULTIZONES**
[72] ETZEL, ETHAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-03-26
[86] 2012-09-18 (PCT/US2012/055837)
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[30] US (13/250,115) 2011-09-30

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[51] **Int.Cl. H01R 4/28 (2006.01)**
[25] EN
[54] **SIDE-LOADING QUADRANT DEADEND CLAMP ASSEMBLY**
[54] **ENSEMBLE PINCE D'ANCRAGE A QUADRANT A CHARGEMENT LATERAL**
[72] BUNDREN, JASON, US
[72] DIOP, SEYDOU, US
[72] ZELAZNY, PAUL, US
[71] HUBBELL INCORPORATED, US
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- [25] EN
- [54] **PROTEIN KINASE INHIBITORS (VARIANTS), USE THEREOF IN TREATING ONCOLOGICAL DISEASES AND A PHARMACEUTICAL COMPOSITION BASED THEREON**
- [54] **INHIBITEURS DE PROTEINES KINASES (VARIANTES), LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ONCOLOGIQUES ET COMPOSITION PHARMACEUTIQUE OBTENUE A PARTIR DE CEUX-CI**
- [72] CHILOV, GERMES GRIGORIEVICH, RU
- [72] TITOV, IL'YA YURIEVICH, RU
- [71] OSHCHISTVO S OGRANICHENNOY OTVETSTVENNOST'YOU "FUSION PHARMA", RU
- [85] 2014-03-21
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[13] A1
- [51] **Int.Cl. A61F 2/68 (2006.01)**
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- [54] **SYSTEM AND METHOD FOR STABILIZING UNINTENTIONAL MUSCLE MOVEMENTS**
- [54] **SYSTEME ET PROCEDE DE STABILISATION DE MOUVEMENTS MUSCULAIRES NON INTENTIONNELS**
- [72] PATHAK, ANUPAM, US
- [71] LYNX DESIGN, US
- [85] 2014-03-26
- [86] 2012-09-25 (PCT/US2012/057048)
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- [30] US (13/250,000) 2011-09-30

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- [54] **NONIONIC SURFACTANTS FOR ENHANCED CRUDE OIL RECOVERY**
- [54] **AGENTS TENSIOACTIFS NON IONIQUES POUR RECUPERATION AMELIOREE DE PETROLE BRUT**
- [72] SANDERS, AARON W., US
- [72] ABBAS, SAYEED, US
- [72] MAYNARD, SHAWN, US
- [72] MILLER, MATTHEW, US
- [71] DOW GLOBAL TECHNOLOGIES LLC, US
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[13] A1
- [51] **Int.Cl. B42D 15/00 (2006.01) B32B 37/20 (2006.01)**
- [25] EN
- [54] **METHOD FOR PRODUCING A COMPOSITE WEB AND SECURITY DEVICES PREPARED FROM THE COMPOSITE WEB**
- [54] **PROCEDE POUR PRODUIRE UN FILM COMPOSITE ET DISPOSITIFS DE SECURITE PREPARES A PARTIR DU FILM COMPOSITE**
- [72] COTE, PAUL F., US
- [71] CRANE SECURITY TECHNOLOGIES, INC., US
- [85] 2014-03-26
- [86] 2012-09-20 (PCT/US2012/056350)
- [87] (WO2013/048875)
- [30] US (61/539,149) 2011-09-26

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[13] A1
- [51] **Int.Cl. B01D 53/86 (2006.01)**
- [25] EN
- [54] **DRY SORBENT INJECTION DURING STEADY-STATE CONDITIONS IN DRY SCRUBBER**
- [54] **INJECTION D'UN SORBANT DESHYDRATE DURANT LA PHASE DE REGIME STABLE D'UN EPURATEUR A SEC**
- [72] JANKURA, BRYAN J., US
- [72] SILVA, ANTHONY A., US
- [72] CAMPOBENEDETTO, EDWARD J., US
- [71] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US
- [85] 2014-03-26
- [86] 2012-09-25 (PCT/US2012/057070)
- [87] (WO2013/049036)
- [30] US (61/540,795) 2011-09-29
- [30] US (13/548,147) 2012-07-12

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[13] A1
- [51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/03 (2006.01) G06F 3/048 (2013.01)**
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- [54] **MOTION CONTROLLED LIST SCROLLING**
- [54] **DEFILEMENT DE LISTE COMMANDE PAR DES MOUVEMENTS**
- [72] ZAMBRANO, JOEL, US
- [72] LUCAS, SHAWN, US
- [72] HARTIN, JEFFERY W., US
- [72] STEINORE, MICHAEL, US
- [71] MICROSOFT CORPORATION, US
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- [87] (WO2013/049055)
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[13] A1
[51] Int.Cl. H05B 6/80 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR HEATING LIQUID, SEMI-SOLID OR LIQUID/SOLID COMBINATION COMESTIBLES IN COMBINATION MICROWAVE AND CONVECTION OVENS
[54] SYSTEMES ET PROCEDES SERVANT A CHAUFFER DES DENREES COMESTIBLES COMBINANT DU LIQUIDE, DU SEMI-LIQUIDE, OU DU LIQUIDE/SOLIDE DANS UNE COMBINAISON DE FOUR A MICRO-ONDES ET DE FOUR A CONVECTION
[72] MOHAMMED, RASHEED, US
[72] LYNN SIENKOWSKI, ADRIENNE, US
[72] SALAMON-HICKEY, TALIA, US
[72] KARKACHE, MOHAMMED, US
[72] WATTS, MARK R., US
[72] ZIMLICH, AMANDA, US
[72] SINCLAIR, ALLAN, GB
[72] DAWSON, CHRIS, GB
[72] HOWARTH, JAMES, GB
[72] CRAMER, WILLIAM, GB
[72] BARANOWSKI, JOHN, US
[71] CAMPBELL SOUP COMPANY, US
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[30] US (13/246,016) 2011-09-27

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[51] Int.Cl. B24D 3/34 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)
[25] EN
[54] ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICULATE MATERIALS, COATED ABRASIVES USING THE ABRASIVE PARTICULATE MATERIALS AND METHODS OF FORMING
[54] ARTICLES ABRASIFS CONTENANT DES PARTICULES ABRASIVES, ABRASIFS ENROBES UTILISANT LES PARTICULES ABRASIVES ET PROCEDES DE FORMATION ASSOCIES
[72] PANZARELLA, TRACY H., US
[72] YENER, DORUK OMER, US
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
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[13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A61L 33/00 (2006.01) A61B 5/1459 (2006.01)
[25] EN
[54] METHOD FOR FUNCTIONALIZING A POROUS MEMBRANE COVERING OF AN OPTICAL SENSOR TO FACILITATE COUPLING OF AN ANTITHROMBOGENIC AGENT
[54] PROCEDE POUR FONCTIONNALISER UNE COUVERTURE DE MEMBRANE D'UN CAPTEUR OPTIQUE POUR FACILITER LE COUPLAGE D'UN AGENT ANTITHROMBOGENE
[72] SURI, JEFF T., US
[72] PATTERSON, ERIC, US
[71] GLUMETRICS, INC., US
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[30] US (61/539,832) 2011-09-27

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[25] EN
[54] FOUNDATION STRUCTURE, WHICH CAN BE INSTALLED WITH A LOW LEVEL OF NOISE, FOR AN OFFSHORE PLANT, IN PARTICULAR AN OFFSHORE WIND ENERGY PLANT, AND ASSEMBLY METHOD THEREFOR
[54] CONSTRUCTION DE FONDATION, DESTINEE A ETRE INSTALLEE DE FACON SILENCIEUSE, D'UNE INSTALLATION EN MER, EN PARTICULIER D'UNE EOLIENNE EN MER ET PROCEDE DE MONTAGE ASSOCIE
[72] DENKER, ANDREAS, DE
[72] GENG, NICO, DE
[72] JOSAT, OLE, DE
[72] BRUNS, CLAAS, DE
[72] HOJDA, RALF, DE
[71] VALLOUREC DEUTSCHLAND GMBH, DE
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[25] EN
[54] DRESSINGS WITH A FOAMED ADHESIVE LAYER
[54] PANSEMENTS AYANT UNE COUCHE ADHESIVE EXPANSEE
[72] PATEL, BHARAT D., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[25] EN
[54] **DIELECTRIC FLUID COMPOSITIONS FOR ENHANCED THERMAL MANAGEMENT**
[54] **COMPOSITIONS FLUIDES DIELECTRIQUES POUR UNE GESTION THERMIQUE AMELIOREE**
[72] HAN, SUH JOON, US
[72] ZINKWEG, DIRK B., IL
[72] LYSENKO, ZENON, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] FR
[54] **METHOD FOR THE FUNGICIDAL AND/OR BACTERICIDAL TREATMENT OF RESISTANT STRAINS USING ONE OR MORE ESSENTIAL OILS**
[54] **PROCEDE DE TRAITEMENT FONGICIDE ET/OU BACTERICIDE DE SOUCHES RESISTANTES AU MOYEN D'HUILE(S) ESSENTIELLE(S)**
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[71] XEDA INTERNATIONAL, FR
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[54] **SYSTEME DE FILTRATION DE LUBRIFIANT**
[72] CONLEY, PAUL G., US
[72] HIE, CANLONG, US
[72] FRASER, CRAIG J., US
[71] LINCOLN INDUSTRIAL CORPORATION, US
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[25] EN
[54] **SEED DELIVERY APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE DISTRIBUTION DE GRAINES**
[72] RADTKE, IAN R., US
[72] HODEL, JEREMY J., US
[71] PRECISION PLANTING LLC, US
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[51] **Int.Cl. A61M 29/00 (2006.01)**
[25] EN
[54] **INTRAGASTRIC IMPLANT DEVICES**
[54] **DISPOSITIFS D'IMPLANTS INTRAGASTRIQUES**
[72] VARGAS, JAIME, US
[71] IBIS MEDICAL, INC., US
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[25] FR
[54] **METHOD FOR WELDING AND BUILDING UP METAL COMPONENTS MADE OF ALUMINIUM USING A MIG PROCESS WITH PULSED CURRENT AND PULSED FILLER WIRE**
[54] **PROCEDE DE SOUDAGE ET DE RECHARGEMENT DE PIECES METALLIQUES EN ALUMINIUM PAR UN PROCEDE MIG AVEC COURANT ET FIL D'APPORT PULSES**
[72] MOTTIN, JEAN-BAPTISTE, FR
[72] CASTAGNE, JEAN-FRANCOIS, FR
[72] BAUDIN, THIERRY, FR
[72] BENOIT, ALEXANDRE YANN MICHEL, FR
[72] PAILLARD, PASCAL, FR
[71] SNECMA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS SUD (UPS), FR
[71] UNIVERSITE DE NANTES, FR
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- [25] EN
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- [54] **PROCEDE ET APPAREIL DE RETROACTION POUR DES TRANSMISSIONS MULTIPOINT COORDONNEES DANS UN SYSTEME DE COMMUNICATION**
- [72] KIM, KI-IL, KR
- [72] LEE, HYU-JIN, KR
- [72] KIM, YOUN-SUN, KR
- [72] KIM, YOUNG-BUM, KR
- [72] JI, HYOUNG-JU, KR
- [72] CHOI, SEUNG-HOON, KR
- [71] SAMSUNG ELECTRONIC CO., LTD., KR
- [85] 2014-03-23
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- [30] US (61/651,829) 2012-05-25
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- [25] EN
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- [54] **CHAMBRE DE CARBONATATION A LA DEMANDE EN LIGNE REGLABLE POUR BOISSON**
- [72] PHILLIPS, DAVID L., US
- [72] ROMERO, ROBERT J., US
- [72] VERDUGO, CHRISTOPHER H., US
- [71] FLOW CONTROL LLC., US
- [85] 2014-03-26
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- [54] **HETEROCYCLES UTILISES COMME INHIBITEURS DE MDM2 DANS LE TRAITEMENT DU CANCER**
- [72] BARTBERGER, MICHAEL D., US
- [72] BECK, HILARY PLAKE, US
- [72] CHEN, XIAOQI, US
- [72] CONNORS, RICHARD V., US
- [72] DEIGNAN, JEFFREY, US
- [72] DUQUETTE, JASON A., US
- [72] EKSTEROWICZ, JOHN, US
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- [72] GONZALEZ BUENROSTRO, ANA, US
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- [72] GUSTIN, DARIN J., US
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- [72] JOHNSON, MICHAEL G., US
- [72] KAYSER, FRANK, US
- [72] KOPECKY, DAVID J., US
- [72] LI, YIHONG, US
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- [72] MCINTOSH, JOEL, US
- [72] MEDINA, JULIO C., US
- [72] MIHALIC, JEFFREY T., US
- [72] OLSON, STEVEN H., US
- [72] REW, YOSUP, US
- [72] ROVETO, PHILIP M., US
- [72] SCHMITT, MICHAEL J., US
- [72] SUN, DAQING, US
- [72] WANG, XIAODONG, US
- [72] WANSKA, MALGORZATA, US
- [72] WEATHERS, CHRISTINE, US
- [72] YAN, XUELEI, US
- [71] AMGEN INC., US
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- [25] EN
- [54] **REMOVAL AND INHIBITION OF SCALE AND INHIBITION OF CORROSION BY USE OF MOSS**
- [54] **SUPPRESSION ET INHIBITION DU TARTRE ET INHIBITION DE LA CORROSION A L'AIDE D'UNE MOUSSE**
- [72] FIEGEL, VANCE, US
- [72] KNIGHTON, DAVID, US
- [71] EMBRO CORPORATION, US
- [85] 2014-03-26
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[13] A1
- [51] Int.Cl. A61H 7/00 (2006.01) A61B 17/54 (2006.01) A61H 23/02 (2006.01)
- [25] EN
- [54] **METHOD OF MAKING AN ELECTROMECHANICAL PERSONAL CARE DEVICE**
- [54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE SOIN PERSONNEL ELECTROMECHANIQUE**
- [72] DA SILVA, JORGE M., US
- [72] MORANO, EMANUEL P., US
- [72] RYTEL, JOHN, US
- [71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] CONTINUITE DE SERVICE DE DIFFUSION/MULTIDIFFUSION DANS DES RESEAUX MULTI- PORTEUSES

[72] ETEMAD, KAMRAN, US

[72] ZHANG, YUJIAN, CN

[71] INTEL CORPORATION, US

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[54] ELEMENT THERMIQUE DE SOIN CORPOREL ET SA METHODE D'UTILISATION

[72] GILLESPIE, RONALD J., US

[72] HAMLEN, ROBERT, US

[72] HULL, RAYMOND J., JR., US

[72] KUCHAVIK, MICHAEL H., SR., US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

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[25] EN

[54] SYSTEMS AND METHODS FOR PREDICTING RESPONSE TO MINOXIDIL FOR THE TREATMENT OF ANDROGENETIC ALOPECIA
[54] SYSTEMES ET PROCEDES POUR PREDIRE LA REPONSE AU MINOXIDIL POUR LE TRAITEMENT DE L'ALOPECIE ANDROGENETIQUE

[72] TAM, PHILLIP Y., US

[72] GOREN, ANDY OFER, US

[71] FOLLEA INTERNATIONAL LTD., CN

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[54] EXTREMITES DE CANETTE POSSEDES DES INFORMATIONS LISIBLES PAR MACHINE

[72] MCGIRR, LAURA JANE, GB

[72] RAMSEY, CHRISTOPHER PAUL, GB

[71] CROWN PACKAGING TECHNOLOGY, INC., US

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[54] MARQUEURS BIOLOGIQUES POUR PREVOIR LA SENSIBILITE A DES TRAITEMENTS DU CANCER

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[72] PUNNOOSE, ELIZABETH, US

[72] SESHAGIRI, SOMASEKAR, US

[71] GENENTECH, INC., US

[85] 2013-09-30

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[54] MARKING OF CAN ENDS AND/OR PULL TABS USING PHOTONICALLY SENSITIVE INK
[54] MARQUAGE DE COUVERCLES DE CANETTE ET/OU D'ANNEAUX DE PREHENSION UTILISANT UNE ENCRE SENSIBLE AUX PHOTONS

[72] RAMSEY, CHRISTOPHER PAUL, GB

[72] COLVILLE, STEPHEN MILES, GB

[71] CROWN PACKAGING TECHNOLOGY, INC., US

[85] 2014-03-26

[86] 2012-09-27 (PCT/US2012/057518)

[87] (WO2013/049320)

[30] US (61/539,784) 2011-09-27

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[72] SHAW, NEIL GAVIN, US

[71] SARCOTIN DIAGNOSTICS, LLC, US

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[13] A1
[51] Int.Cl. A61B 1/32 (2006.01)
[25] EN
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HEMOSTASIS FOR
VENTRICULAR ACCESS AND
RECONSTRUCTION OR OTHER
ORGAN THERAPIES
[54] HEMOSTASIE PERICARDIQUE
DISTANTE POUR ACCES ET
RECONSTRUCTION
VENTRICULAIRES OU D'AUTRES
THERAPIES D'ORGANE
[72] VAN BLADEL, KEVIN, US
[72] ANNEST, LON, US
[72] STIGGELBOUT, JOHN, US
[72] ARCIA, ROVIL, US
[71] BIOVENTRIX, INC., US
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[86] 2012-09-28 (PCT/US2012/058074)
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[30] US (61/541,975) 2011-09-30
[30] US (61/541,624) 2011-09-30
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[51] Int.Cl. A61F 2/00 (2006.01)
[25] EN
[54] TRANS-CATHETER
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RECONSTRUCTION
STRUCTURES, METHODS, AND
SYSTEMS FOR TREATMENT OF
CONGESTIVE HEART FAILURE
AND OTHER CONDITIONS
[54] STRUCTURES, PROCEDES ET
SYSTEMES DE
RECONSTRUCTION
VENTRICULAIRE
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TRAITEMENT D'UNE
INSUFFISANCE CARDIAQUE
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[72] VAN BLADEL, KEVIN, US
[72] ANNEST, LON, US
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[71] BIOVENTRIX, INC., US
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[30] US (61/541,975) 2011-09-30
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[30] US (61/541,980) 2011-09-30
[30] US (61/541,978) 2011-09-30

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[25] EN
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[54] TECHNIQUES POUR GERER ET
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[72] WILDE, BENJAMIN, US
[72] SHAW, DONNA, US
[72] JEFFERS, MICHAEL, US
[72] ANDERSON, MATTHEW, US
[71] MICROSOFT CORPORATION, US
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[87] (WO2013/049712)
[30] US (13/247,000) 2011-09-28

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[51] Int.Cl. B65B 31/00 (2006.01) A23B
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B65B 25/04 (2006.01)
[25] EN
[54] METHOD OF CONTROLLING
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[54] PROCEDE DE CONTROLE D'UNE
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[72] VILLARREAL, JOSE EMILIO, US
[71] DOLE FOOD COMPANY, INC., US
[85] 2014-03-26
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[30] US (61/542,115) 2011-09-30

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[25] EN
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[54] PROJECTIONS DE SURFACES
STEREOTAXIQUES A
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[72] LILJA, JOHAN AXEL, SE
[72] THURFJELL, NILS LENNART, SE
[72] LUNDQVIST, ROGER, SE
[71] GE HEALTHCARE LIMITED, GB
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[30] US (61/541,141) 2011-09-30

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[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01)**

[25] EN

[54] **PH DEPENDENT CARRIERS FOR TARGETED RELEASE OF PHARMACEUTICALS ALONG THE GASTROINTESTINAL TRACT, COMPOSITIONS THEREFROM, AND MAKING AND USING SAME**

[54] **VECTEURS DEPENDANT DU PH POUR LIBERATION CIBLEE DE PRODUITS PHARMACEUTIQUES DANS LE TUBE DIGESTIF, COMPOSITIONS PREPAREES A PARTIR DE CEUX-CI, ET LEUR FABRICATION ET LEUR UTILISATION**

[72] MARATHI, UPENDRA, US
[72] CHILDRESS, SUSAN, US
[72] GAMMILL, SHAUN, US
[72] STROZIER, ROBERT W., US
[71] PLX PHARMA INC., US
[85] 2014-03-26
[86] 2012-09-29 (PCT/US2012/058163)
[87] (WO2013/049749)
[30] US (61/540,699) 2011-09-29

[21] **2,850,188**
[13] A1

[51] **Int.Cl. A61B 17/08 (2006.01) A61D 1/00 (2006.01)**

[25] EN

[54] **CARDIAC IMPLANT MIGRATION INHIBITING SYSTEMS**

[54] **SYSTEMES D'INHIBITION DE LA MIGRATION D'IMPLANT CARDIAQUE**

[72] BUTLER, WILLIAM, US
[72] VAN BLADEL, KEVIN, US
[72] HEFLIN, ERNIE, US
[72] ANNEST, LON, US
[72] ARCIA, ROVIL, US
[72] BOWER, JOHN, US
[71] BIOVENTRIX, INC., US
[85] 2014-03-26
[86] 2012-09-30 (PCT/US2012/058176)
[87] (WO2013/049761)
[30] US (61/541,975) 2011-09-30
[30] US (61/541,624) 2011-09-30
[30] US (61/541,980) 2011-09-30
[30] US (61/541,978) 2011-09-30

[21] **2,850,191**
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) C08J 3/00 (2006.01) C08K 5/05 (2006.01) C08K 5/52 (2006.01)**

[25] EN

[54] **LIQUID STABILIZER MIXTURES**

[54] **MELANGES DE STABILISATEURS LIQUIDES**

[72] YU, JIONG, US
[72] KING, ROSWELL EASTON, US
[71] BASF SE, DE
[85] 2014-03-26
[86] 2012-09-27 (PCT/US2012/057501)
[87] (WO2013/055524)
[30] US (61/545,323) 2011-10-10

[21] **2,850,192**
[13] A1

[51] **Int.Cl. A61B 17/08 (2006.01)**

[25] EN

[54] **OVER-THE-WIRE CARDIAC IMPLANT DELIVERY SYSTEM FOR TREATMENT OF CHF AND OTHER CONDITIONS**

[54] **SYSTEME DE POSE D'IMPLANT CARDIAQUE SUR LE FIL POUR LE TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE CONGESTIVE (ICC) ET D'AUTRES ETATS**

[72] ANNEST, LON, US
[72] SHELDON, MURRAY, US
[72] VAN BLADEL, KEVIN, US
[72] HEFLIN, ERNIE, US
[72] BUTLER, WILLIAM, US
[72] WECHSLER, ANDREW, US
[72] BOWER, JOHN, US
[72] ARCIA, ROVIL, US
[71] BIOVENTRIX, INC., US
[85] 2014-03-26
[86] 2012-09-30 (PCT/US2012/058182)
[87] (WO2013/049766)
[30] US (61/541,975) 2011-09-30
[30] US (61/541,624) 2011-09-30
[30] US (61/541,980) 2011-09-30
[30] US (61/541,978) 2011-09-30

[21] **2,850,193**
[13] A1

[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/22 (2006.01) E21B 43/34 (2006.01)**

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[54] **DRILLING FLUID PROCESSING**

[54] **TRAITEMENT DE FLUIDE DE FORAGE**

[72] FOUT, GARY, US
[72] SAVOY, MICHAEL, US
[71] M-I L.L.C., US
[85] 2014-03-26
[86] 2012-10-01 (PCT/US2012/058274)
[87] (WO2013/049802)
[30] US (61/541,763) 2011-09-30

[21] **2,850,198**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 9/127 (2006.01) A61K 49/00 (2006.01)**

[25] EN

[54] **REMOTE ASSEMBLY OF TARGETED NANOPARTICLES USING COMPLEMENTARY OLIGONUCLEOTIDE LINKERS**

[54] **ENSEMBLE DISTANT DE NANOPARTICULES CIBLEES UTILISANT DES LIANTS OLIGONUCLEOTIDIQUES COMPLEMENTAIRES**

[72] ROGERS, THOMAS EDWARD, US
[71] MALLINCKRODT LLC, US
[85] 2014-03-26
[86] 2012-09-27 (PCT/US2012/057642)
[87] (WO2013/049405)
[30] US (61/541,797) 2011-09-30

[21] **2,850,206**
[13] A1

[51] **Int.Cl. H01Q 1/36 (2006.01) H04W 88/08 (2009.01) H01Q 1/38 (2006.01)**

[25] EN

[54] **ANTENNA APPARATUS**

[54] **DISPOSITIF D'ANTENNE**

[72] PU, TAO, CN
[72] QIN, ZUOJUN, CN
[72] HE, PINGHUA, CN
[72] SUN, DEWEN, CN
[72] SUN, WEIHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[86] 2012-09-28 (PCT/CN2012/082322)
[87] (WO2013/044847)
[30] CN (201110297379.3) 2011-09-28

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **DATA GLOVE HAVING TACTILE FEEDBACK AND METHOD**
[54] **GANT DE DONNEES A RETRO-INFORMATION TACTILE ET PROCEDE**
[72] MOLLER, CHRISTOPH, DE
[72] OPITZ, MARCO, DE
[72] KOSTKA, ALEXANDER, DE
[72] KORNAU, NILS, DE
[71] EADS DEUTSCHLAND GMBH, DE
[85] 2014-03-26
[86] 2012-09-04 (PCT/DE2012/000881)
[87] (WO2013/044893)
[30] DE (10 2011 114 535.8) 2011-09-29

[21] **2,850,209**
[13] A1
[51] **Int.Cl. F16L 59/153 (2006.01)**
[25] EN
[54] **A THERMAL INSULATING ELEMENT, A SUBSEA STRUCTURE SUCH AS AN ARMoured UNBONDED FLEXIBLE PIPE COMPRISING SUCH AN ELEMENT, AND METHODS OF MANUFACTURING SUCH AN ELEMENT AND SUCH A PIPE**
[54] **ELEMENT D'ISOLATION THERMIQUE, STRUCTURE SOUS-MARINE TELLE QU'UN TUYAU SOUPLE ARME SANS LIAISON COMPRENANT UN TEL ELEMENT, ET PROCEDES DE FABRICATION D'UN TEL ELEMENT ET D'UN TEL TUYAU**
[72] PROCIDA, INGER-MARGRETE, DK
[72] HANSEN, ALLAN BOYE, NO
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2014-03-26
[86] 2012-09-19 (PCT/DK2012/050348)
[87] (WO2013/044920)
[30] DK (PA 2011 00749) 2011-09-29

[21] **2,850,212**
[13] A1
[51] **Int.Cl. G02C 13/00 (2006.01)**
[25] EN
[54] **MEASUREMENT PROCESS OF MORPHO - GEOMETERICAL PARAMETERS OF A PERSON WEARING EYEGLASSES**
[54] **PROCEDE DE MESURE DE PARAMETRES MORPHO-GEOMETRIQUES D'UNE PERSONNE PORTANT DES LUNETTES**
[72] DIVO, FABIEN, FR
[72] PINAULT, PHILIPPE, FR
[71] ESSLOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2014-03-26
[86] 2012-07-31 (PCT/EP2012/064915)
[87] (WO2013/045133)
[30] FR (1158665) 2011-09-28

[21] **2,850,213**
[13] A1
[51] **Int.Cl. C01B 15/023 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROGEN PEROXIDE**
[54] **PROCEDE POUR LA PRODUCTION DE PEROXYDE D'HYDROGENE**
[72] VANDENBUSSCHE, ALAIN, BE
[72] DHAESE, PATRICK MARKUS, BR
[72] BLOOMFIELD, STEPHEN, BE
[72] JANSSENS, FRANCINE, BE
[71] SOLVAY SA, BE
[85] 2014-03-26
[86] 2012-10-02 (PCT/EP2012/069408)
[87] (WO2013/053616)
[30] EP (11184575.6) 2011-10-11

[21] **2,850,214**
[13] A1
[51] **Int.Cl. C01B 15/023 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROGEN PEROXIDE**
[54] **PROCEDE POUR LA PRODUCTION DE PEROXYDE D'HYDROGENE**
[72] VANDENBUSSCHE, ALAIN, BE
[72] DHAESE, PATRICK MARKUS, BR
[72] BLOOMFIELD, STEPHEN, BE
[72] JANSSENS, FRANCINE, BE
[71] SOLVAY SA, BE
[85] 2014-03-26
[86] 2012-10-02 (PCT/EP2012/069414)
[87] (WO2013/053617)
[30] EP (11184576.4) 2011-10-11

[21] **2,850,215**
[13] A1
[51] **Int.Cl. D04H 1/4218 (2012.01) D04H 1/46 (2012.01)**
[25] EN
[54] **METHOD OF FORMING A WEB FROM FIBROUS MATERIALS**
[54] **PROCEDE DE FORMATION D'UN FILM A PARTIR DE MATERIAUX FIBREUX**
[72] HALEY, GLENN, US
[72] GAUL, DAVID J., US
[72] PELLEGRIN, MICHAEL T., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2014-03-26
[86] 2012-10-01 (PCT/US2012/058339)
[87] (WO2013/049835)
[30] US (61/541,162) 2011-09-30

[21] **2,850,219**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **RIPPER SHANK ASSEMBLY**
[54] **ENSEMBLE TIGE DE SCARIFICATEUR**
[72] JESKE, CLIFFORD O., US
[72] RIVERA, EMILY J., US
[72] SMITH, MURRAY A., CA
[72] HARDER, CRAIG, CA
[71] CATERPILLAR INC., US
[85] 2014-03-26
[86] 2012-09-28 (PCT/US2012/057890)
[87] (WO2013/049554)
[30] US (61/542,078) 2011-09-30
[30] US (13/629,210) 2012-09-27

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[21] 2,850,220
[13] A1

[51] Int.Cl. A47C 27/14 (2006.01)
[25] EN
[54] **METHODS AND SYSTEMS FOR A DYNAMIC SUPPORT MATTRESS TO TREAT AND REDUCE THE INCIDENCE OF PRESSURE ULCERS**
[54] **METHODES ET SYSTEMES POUR UN MATELAS DE SUPPORT DYNAMIQUE PERMETTANT DE TRAITER ET DE REDUIRE LA FREQUENCE DES ULCERES DE PRESSION**
[72] DYE VICH, MICHAEL, US
[72] BUTLER, GLENN, US
[71] OFFLOADING TECHNOLOGIES, INC., US
[85] 2014-03-26
[86] 2012-09-28 (PCT/US2012/058028)
[87] (WO2013/049647)
[30] US (61/542,144) 2011-09-30

[21] 2,850,222
[13] A1

[51] Int.Cl. A61B 17/32 (2006.01)
[25] EN
[54] **TISSUE REMOVAL DEVICE WITH ADJUSTABLE DELIVERY SLEEVE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF D'ELIMINATION DE TISSUS COMPRENANT UN MANCHON D'ADMINISTRATION AJUSTABLE DESTINE A DES APPLICATIONS NEUROCHIRURGICALES ET DE CHIRURGIE RACHIDIENNE**
[72] MARK, JOSEPH L., US
[72] DOUGHERTY, BRIAN C., US
[71] NICO CORPORATION, US
[85] 2014-03-26
[86] 2012-10-09 (PCT/US2012/059313)
[87] (WO2013/052963)
[30] US (13/269,339) 2011-10-07

[21] 2,850,223
[13] A1

[51] Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 3/00 (2006.01) C12N 5/10 (2006.01)
[25] EN
[54] **CONTROL OF WHOLE BODY ENERGY HOMEOSTASIS BY MICRORNA REGULATION**
[54] **REGULATION DE L'HOMÉOSTASIE ÉNERGETIQUE DU CORPS ENTIER PAR LA REGULATION DE MICROARN**
[72] VAN ROOIJ, EVA, US
[72] OLSON, ERIC, US
[72] GRUETER, CHAD, US
[71] MIRAGEN THERAPEUTICS, US
[71] THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2014-03-26
[86] 2012-10-09 (PCT/US2012/059349)
[87] (WO2013/052965)
[30] US (61/544,187) 2011-10-06
[30] US (61/638,345) 2012-04-25

[21] 2,850,225
[13] A1

[51] Int.Cl. F02K 3/06 (2006.01) F02C 3/04 (2006.01)
[25] EN
[54] **GAS TURBINE ENGINE COMPRESSOR ARRANGEMENT**
[54] **AGENCEMENT DE COMPRESSEUR DE MOTEUR A TURBINE A GAZ**
[72] HASEL, KARL L., US
[72] STAUBACH, JOSEPH B., US
[72] MERRY, BRIAN D., US
[72] SUCIU, GABRIEL L., US
[72] DYE, CHRISTOPHER M., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[85] 2014-03-26
[86] 2012-12-26 (PCT/US2012/071614)
[87] (WO2013/101805)
[30] US (13/337,354) 2011-12-27
[30] US (61/604,646) 2012-02-29

[21] 2,850,226
[13] A1

[51] Int.Cl. A61N 1/378 (2006.01)
[25] EN
[54] **CHARGER ALIGNMENT IN AN IMPLANTABLE MEDICAL DEVICE SYSTEM EMPLOYING REFLECTED IMPEDANCE MODULATION**
[54] **ALIGNEMENT DE CHARGEUR DANS UN SYSTEME DE DISPOSITIF MEDICAL IMPLANTABLE QUI UTILISE UNE MODULATION D'IMPEDANCE REFLECHIE**
[72] OZAWA, ROBERT, US
[72] AGHASSIAN, DANIEL, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2014-03-26
[86] 2012-09-27 (PCT/US2012/057582)
[87] (WO2013/055526)
[30] US (61/546,850) 2011-10-13
[30] US (13/608,600) 2012-09-10

[21] 2,850,227
[13] A1

[51] Int.Cl. B64C 1/00 (2006.01) B32B 27/00 (2006.01) B32B 33/00 (2006.01) B60N 2/42 (2006.01) B64D 11/06 (2006.01) B64D 25/02 (2006.01)
[25] EN
[54] **A HELICOPTER**
[54] **HELICOPTERE**
[72] MALONEY, PETER, NZ
[72] HEATLEY, NINA, NZ
[71] COMPOSITE HELICOPTER HOLDINGS LIMITED, NZ
[85] 2013-11-28
[86] 2012-06-07 (PCT/NZ2012/000087)
[87] (WO2012/169906)
[30] NZ (593300) 2011-06-07
[30] NZ (593304) 2011-06-07
[30] NZ (593683) 2011-06-22

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[13] A1

[51] Int.Cl. G21C 1/22 (2006.01) G21C 3/54 (2006.01) G21C 5/12 (2006.01)

[25] EN

[54] NUCLEAR REACTORS AND RELATED METHODS AND APPARATUS

[54] REACTEURS NUCLEAIRES ET PROCEDES ET APPAREIL ASSOCIES

[72] MASSIE, MARK, US

[72] DEWAN, LESLIE C., US

[71] TRANSATOMIC POWER CORPORATION, US

[85] 2014-03-26

[86] 2012-10-02 (PCT/US2012/058411)

[87] (WO2013/077941)

[30] US (13/251,717) 2011-10-03

[21] 2,850,230

[13] A1

[51] Int.Cl. B28D 1/22 (2006.01) B28B 1/14 (2006.01) B28B 11/12 (2006.01)

[25] EN

[54] SLAB PRODUCTION AND PROCESSING

[54] PRODUCTION ET TRAITEMENT DE DALLES

[72] SADLER, WILLIAM ALEXANDRE JAMES, AU

[71] ABBEY & PRIDE IP PTY LTD., AU

[85] 2014-01-10

[86] 2010-07-13 (PCT/AU2010/000890)

[87] (WO2011/006195)

[21] 2,850,231

[13] A1

[51] Int.Cl. G01N 33/28 (2006.01) E21B 49/00 (2006.01) G05D 21/02 (2006.01) G01P 5/00 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR USING VELOCITY PROFILE MEASUREMENTS IN RECOVERING BITUMEN FROM A COARSE TAILINGS LINE

[54] PROCEDE ET APPAREIL POUR UTILISER DES MESURES DE PROFIL DE VITESSE DANS LA RECUPERATION DE BITUME A PARTIR D'UNE LIGNE DE PRODUITS DE QUEUES GROSSIERS

[72] VIEGA, JOHN, US

[72] MCKECHINIE, PERRY W., CA

[71] CIDRA CORPORATE SERVICES INC., US

[85] 2014-03-26

[86] 2012-10-05 (PCT/US2012/058885)

[87] (WO2013/052756)

[30] US (61/543,433) 2011-10-05

[21] 2,850,233

[13] A1

[51] Int.Cl. A01G 31/04 (2006.01) A01G 9/02 (2006.01)

[25] EN

[54] STRUCTURE FOR GROWING PLANTS IN ROTABLE MODULES

[54] STRUCTURE DE CULTURE DE VEGETAUX DANS DES MODULES ROTATIFS

[72] MARCHILDON, EDWARD J., CA

[71] STOREY, ELIZABETH A., CA

[71] MARCHILDON, EDWARD J., CA

[85] 2014-03-27

[86] 2011-09-30 (PCT/CA2011/001084)

[87] (WO2013/044343)

[21] 2,850,234

[13] A1

[51] Int.Cl. A63F 13/00 (2014.01) G06F 17/40 (2006.01)

[25] EN

[54] GAME ENHANCEMENT SYSTEM FOR GAMING ENVIRONMENT

[54] SYSTEME D'AMELIORATION DE JEU POUR UN ENVIRONNEMENT DE JEU

[72] WESLEY, TAM, CA

[72] DALRYMPLE, ERIC, CA

[72] PRICE, ROBERT, CA

[72] PINARD, DEBBIE, CA

[71] GLITCHSOFT CORPORATION, CA

[85] 2014-01-21

[86] 2011-07-22 (PCT/CA2011/000844)

[87] (WO2013/013281)

[21] 2,850,236

[13] A1

[51] Int.Cl. H05B 41/14 (2006.01) B60Q 1/04 (2006.01) F21S 8/10 (2006.01) H05B 41/18 (2006.01)

[25] EN

[54] ELECTRICAL MODULE AND METHOD FOR ILLUMINATING A HIGH INTENSITY DISCHARGE (HID) LAMP ON A VEHICLE

[54] MODULE ELECTRIQUE ET PROCEDE PERMETTANT D'ALLUMER UNE LAMPE A DECHARGE A HAUTE INTENSITE (DHI) SUR UN VEHICULE

[72] DENTINGER, MICHAEL, CA

[71] DENTINGER, MICHAEL, CA

[85] 2014-03-27

[86] 2012-09-28 (PCT/CA2012/000901)

[87] (WO2013/044363)

[30] US (61/540,234) 2011-09-28

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[21] **2,850,237**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOUNTING DYNAMICALLY MODULAR PROCESSING UNITS**
[54] **SYSTEMES ET PROCEDES DE MONTAGE DYNAMIQUE D'UNITES DE TRAITEMENT MODULAIRES**
[72] SULLIVAN, JASON A., US
[71] SULLIVAN, JASON A., US
[85] 2014-03-26
[86] 2012-09-27 (PCT/US2012/057650)
[87] (WO2013/049411)
[30] US (61/539,474) 2011-09-27
[30] US (13/342,199) 2012-01-02
[30] US (13/628,022) 2012-09-26

[21] **2,850,238**
[13] A1

[51] **Int.Cl. C22C 19/05 (2006.01) F01D 9/04 (2006.01)**
[25] FR
[54] **NICKEL ALLOY**
[54] **ALLIAGE A BASE DE NICKEL**
[72] DESCHANDOL, KARINE, FR
[72] FOUCARD, NICOLE, FR
[72] RAGUET, MICHEL, FR
[72] TIEVANT, FRANCOIS, FR
[71] SNECMA, FR
[85] 2014-03-26
[86] 2012-09-27 (PCT/FR2012/052187)
[87] (WO2013/045847)
[30] FR (11 58705) 2011-09-28

[21] **2,850,239**
[13] A1

[51] **Int.Cl. F16B 19/14 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION**
[72] LOR, FERENC, CH
[72] BOENIG, STEFAN, DE
[72] MATTHESIU, CHRISTIAN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2014-03-27
[86] 2012-07-10 (PCT/EP2012/063476)
[87] (WO2013/045130)
[30] DE (10 2011 083 779.5) 2011-09-29

[21] **2,850,240**
[13] A1

[51] **Int.Cl. B41N 1/24 (2006.01) H05K 3/12 (2006.01)**
[25] EN
[54] **SCREEN STENCIL AND A METHOD FOR COATING SCREEN STENCILS**
[54] **GABARIT DE SERIGRAPHIE ET PROCEDE DE REVETEMENT DE GABARITS DE SERIGRAPHIE**
[72] EIDER, FLORIAN, DE
[72] ZEININGER, HEINRICH, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-03-27
[86] 2012-09-03 (PCT/EP2012/067104)
[87] (WO2013/045207)
[30] DE (102011083733.7) 2011-09-29

[21] **2,850,241**
[13] A1

[51] **Int.Cl. F25B 9/06 (2006.01) F01K 3/00 (2006.01) F01K 27/02 (2006.01) F02C 1/02 (2006.01) F02C 6/14 (2006.01) F22B 1/28 (2006.01)**
[25] EN
[54] **ENERGY-STORING DEVICE AND METHOD FOR STORING ENERGY**
[54] **DISPOSITIF ACCUMULATEUR D'ENERGIE ET PROCEDE D'ACCUMULATION D'ENERGIE**
[72] BRUNHUBER, CHRISTIAN, DE
[72] GRAEBER, CARSTEN, DE
[72] ZIMMERMANN, GERHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-03-27
[86] 2012-09-05 (PCT/EP2012/067297)
[87] (WO2013/045243)
[30] EP (11183274.7) 2011-09-29

[21] **2,850,243**
[13] A1

[51] **Int.Cl. B64C 11/18 (2006.01) B64C 27/467 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **BLADE FOR A FAN OF A TURBOMACHINE, NOTABLY OF THE UNDUCTED FAN TYPE, CORRESPONDING FAN AND CORRESPONDING TURBOMACHINE**
[54] **PALE POUR UNE HELICE DE TURBOMACHINE, NOTAMMENT A SOUFFLANTE NON CARENEE, HELICE ET TURBOMACHINE CORRESPONDANTES**
[72] VION, LAURENCE, FR
[72] DELATTRE, GREGORY, FR
[72] JACQUIN, LAURENT, FR
[72] RODRIGUEZ, BENOIT, FR
[72] BOISARD, RONAN, FR
[72] ORTUN, BIEL, FR
[72] FALISSARD, FABRICE, FR
[71] SNECMA, FR
[71] ONERA, FR
[85] 2014-03-26
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[54] **PROCESSUS DE FERMETURE DE BOITES METALLIQUES**
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[71] CROWN PACKAGING TECHNOLOGY, INC., US
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- [72] DEZEUSTRE, NICOLAS, FR
- [71] AIRCELLE, FR
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- [72] SCHINABECK, MICHAEL, DE
- [72] STEIDL, NORBERT, DE
- [72] STRAUSS, WERNER, DE
- [72] MAIER, MARKUS, DE
- [71] BASF CONSTRUCTION SOLUTIONS GMBH, DE
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- [72] GUSTAFSSON, PAUL VALFRID, FI
- [72] RASTAS, MATTI JOHANNES, FI
- [72] PINOMAA, TUOMAS MIKAEL, FI
- [71] MINT OF FINLAND LTD., FI
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- [54] **SYSTEME DE COMMANDE DE TRANSACTIONS LIEES A DES VEHICULES ET A LA CIRCULATION DE VEHICULES**
- [72] HEATH, BRIAN, CA
- [72] KO, TSE YOUNG, CA
- [72] MOFFORD, BRIAN, CA
- [71] INTELLIGENT IMAGING SYSTEMS, INC., CA
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- [54] **FORMULATION AQUEUSE D'ENCRE CONTENANT DES NANOPARTICULES A BASE DE METAL DESTINEE A ETRE UTILISEE EN IMPRESSION PAR MICROCONTACT**
- [72] THEIVANAYAGAM CHAIRMAN, DEIVARAJ, SG
- [72] SICKING, FRANK, DE
- [72] BALASUBRAMANIAM, VENKATARAMANAN, SG
- [72] RUDHARDT, DANIEL, DE
- [71] CLARIANT INTERNATIONAL AG, CH
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- [54] **FABRICATION D'UN VITRAGE FEUILLETE**
- [72] BERARD, STEPHANE, FR
- [72] HENNION, ALEXANDRE, FR
- [72] FREBOURG, PHILIPPE, FR
- [71] SAINT-GOBAIN GLASS FRANCE, FR
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- [54] **SYSTEME DE PULVERISATION PERMETTANT DE PRODUIRE UNE MATRICE FORMEE IN SITU**
- [72] RUDOLPH, CARSTEN, DE
- [72] UZGUN, SENTA, DE
- [71] ETHRIS GMBH, DE
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- [54] **PALE POUR EOLIENNE ET PROCEDE D'ASSEMBLAGE DE LA PALE**
- [72] LA PEGNA, LUIGI, IT
- [72] PIANO, RENZO, IT
- [71] ENEL GREEN POWER S.P.A., IT
- [85] 2014-03-27
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[54] **DISPOSITIF DE CONSTRICTION**
PENIENNE
[72] HAHR, MEIKE, DE
[72] TULLNEY, HEIKO, DE
[72] MILEWSKI, THOMAS, DE
[71] SENSES TOYS INTELLECTUAL
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ZONES UNDER COMPRESSIVE
STRESS
[54] **TOIT DE VEHICULE EN VERRE**
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[72] HENNION, ALEXANDRE, FR
[72] FREBOURG, PHILIPPE, FR
[71] SAINT-GOBAIN GLASS FRANCE,
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FOR THE TREATMENT OF
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[54] **INHIBITION DU MICROARN 134**
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[72] HENSHALL, DAVID, IE
[72] JIMENEZ-MATEOS, EVA, IE
[71] ROYAL COLLEGE OF SURGEONS
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CHAMBER IN A
TURBOMACHINE
[54] **CHAMBRE DE COMBUSTION**
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[72] BOURGOIS, SEBASTIEN ALAIN
CHRISTOPHE, FR
[72] SANDELIS, DENIS JEAN MAURICE,
FR
[71] SNECMA, FR
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[54] **IDENTIFICATION DE VEHICULES**
[72] ENGLER, WOLFGANG, CA
[72] HEATH, BRIAN, CA
[72] MAH, CEDAR, CA
[71] INTELLIGENT IMAGING SYSTEMS
INC., CA
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[72] HERMANS, GUY, BE
[72] STEFFENSEN, SOREN, BE
[72] SZYROKI, ALEXANDER, DE
[72] VERVERKEN, CEDRIC JOZEF
NEOTERE, BE
[72] DENAYER, TINNEKE, BE
[71] ABLYNX NV, BE
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[72] LORHIPAT, BOONCHAI, TH
[71] SATIAN INDUSTRIES CO LIMITED,
TH
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[54] PROCEDE POUR PROTEGER DES PLANTES UTILES OU UN MATERIAU DE PROPAGATION DE PLANTES
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[72] WEIDER, CHRISTOPHE, CH
[72] ZEUN, RONALD, CH
[72] RAJAN, RAMYA, IN
[72] STIERLI, DANIEL, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[72] HOWARD, PHILIP WILSON, GB
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[54] EGG PREPARATION WITH REGENERATING, ANALGESIC AND/OR ANTI-INFLAMMATORY PROPERTIES
[54] PREPARATION A BASE D'ŒUFS A PROPRIETES REGENERANTES, ANALGESIQUES ET/OU ANTI-INFLAMMATOIRES
[72] CUNILL AIXELA, JUAN, ES
[71] OVIVITY GROUP, S.L., ES
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[54] A COATING COMPOSITION, A METHOD FOR COATING A SUBSTRATE, A COATED SUBSTRATE, A PACKAGING MATERIAL AND A LIQUID PACKAGE
[54] COMPOSITION DE REVETEMENT, PROCEDE POUR LE REVETEMENT D'UN SUBSTRAT, SUBSTRAT REVETU, MATERIAU D'EMBALLAGE ET PRODUITS LIQUIDES
[72] LARSSON, JOHAN, SE
[72] KARLSSON, ANDERS, SE
[71] BILLERUDKORSNAS SKOG & INDUSTRI AKTIEHOLAG, SE
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[54] SYSTEME ET PROCEDE DE PARTAGE ET DE SYNCHRONISATION DE CONTENU SECURISE
[72] STORM, JAMES, CA
[71] OPEN TEXT S.A., LU
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[54] A COATING COMPOSITION, A METHOD FOR COATING A SUBSTRATE, A COATED SUBSTRATE, A PACKAGING MATERIAL AND A LIQUID PACKAGE
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- [25] FR
- [54] NOVEL PYRIMETHANIL FORMULATIONS AND USES THEREOF IN THE TREATMENT OF CROPS
- [54] NOUVELLES FORMULATIONS DE PYRIMETHANIL ET LEURS UTILISATIONS DANS LE TRAITEMENT DES CULTURES
- [72] SARDO, ALBERTO, FR
- [71] XEDA INTERNATIONAL, FR
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- [54] PLASTIFIANT POLYMERISABLE, COMPOSITION DE RESINE POLYURETHANE LIQUIDE COMPRENANT LEDIT PLASTIFIANT ET SES UTILISATIONS
- [72] DUROT, LOUIS, FR
- [72] BINDSCHEDLER, PIERRE-ETIENNE, FR
- [72] FRANCOIS BARSEGHIAN, VIRGINIE, FR
- [72] PERRIN, REMI, FR
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[72] ROUNSEVILLE, MATT, US
[72] MADDULA, KRISHNA, US
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[54] **FEUILLE D'ACIER GALVANISE PAR IMMERSION A CHAUD ET A HAUTE RESISTANCE QUI PRESENTE D'EXCELLENTE CARACTERISTIQUES DE DECOUPE MECANIQUE, FEUILLE D'ACIER GALVANISE PAR IMMERSION A CHAUD ALLIEE ET A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION DESDITES FEUILLES**
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[72] MARUYAMA, NAOKI, JP
[72] MURASATO, AKINOBU, JP
[72] MINAMI, AKINOBU, JP
[72] YASUI, TAKESHI, JP
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[54] **AMELIORATIONS DANS ET CONCERNANT LA REDUCTION OU L'ELIMINATION DE PARTICULES DANS UNE ATMOSPHERE CORPORELLE**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROCEDE DE FABRICATION DE DERIVE DE 4,4-DIFLUORO-3,4-DIHYDROISOQUINOLEINE**
[72] UMETANI, HIIDEKI, JP
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[72] KAJINO, FUMIE, JP
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[72] GRAINGER, LUCY, GB
[72] CLIFFORD, JOHN, GB
[72] CONIT, MELCHIORRE, GB
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[54] **EMULSIONS COMESTIBLES STABILISEES, PROCEDES D'ACIDIFICATION DE PREPARATION ET BOISSONS**
[72] CORREDIG, MILENA, CA
[72] FANG, YUAN, US
[72] MASSEL, VALERIE, CA
[71] UNIVERSITY OF GUELPH, CA
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[72] JESKE, CLIFFORD O., US
[72] RIVERA, EMILY J., US
[72] SMITH, MURRAY A., CA
[72] HARDER, CRAIG, CA
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[71] IPSEN PHARMA S.A.S., FR

[71] ONCODESIGN S.A., FR

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[54] **APPAREIL POUR METTRE UN FILM DE MATIERE PLASTIQUE ALLONGE SOUS LA FORME D'UN TUBE AUTOUR D'ARTICLES DE TAILLE VARIABLE**

[72] HONEGGER, CHRIS ALLEN, US

[71] RETHICEIF ENTERPRISES, LLC, US

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CONTROL SYSTEM, AND
LINKAGE FOR USE THEREIN
[54] LEVIER DE COMMANDE ADAPTE
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[72] PAVEL, DAVID, US
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[54] **ARTICLE CHAUSSANT MUNI D'UN ELEMENT ENVELOPPANT DETACHABLE**
[72] BERGER, TIFFANY J., US
[72] DUCHENE, MARCI, US
[72] MUELLER, NICOLE, US
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[54] **COMPOSITIONS CIMENTAIRES ET PROCEDES D'UTILISATION DE NANOARGILE**
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[72] COVINGTON, RICKY L., US
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
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[72] STEELE, DAVID JOE, US
[72] BAYH, RUSSELL I. III, US
[72] MEADERS, MICHAEL WADE, US
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[54] FOAM MATRIX EMBOLIZATION DEVICE
[54] DISPOSITIF D'EMBOUSISATION A MATRICE EN MOUSSE
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[72] DAVIS, RICHARD CHAMPION, III, US
[72] JONES, DONALD K., US
[72] LORENZO, JUAN A., US
[72] MITELBERG, VLADIMIR, US
[72] SHERMAN, DARREN R., US
[72] VYAKARNAM, MURTY, US
[71] CORDIS CORPORATION, US
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[54] INSTRUMENTS ET PROCEDES D'INTRODUCTION D'IMPLANTS INTERVERTEBRAUX ARTIFICIELS
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[71] SPINECORE, INC., US
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[54] SYSTEME SUPPORT METABOLIQUE EXSANGUINE D'UN ORGANE OU TISSU
[72] BRASILE, LAUREN, US
[71] BREONICS, INC., US
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[54] MOLTEN METAL LEAKAGE CONFINEMENT AND THERMAL OPTIMIZATION IN VESSELS USED FOR CONTAINING MOLTEN METALS
[54] CONFINEMENT DE FUITES DE METAL EN FUSION ET OPTIMISATION THERMIQUE DANS DES RECIPIENTS UTILISES POUR CONTENIR DES METAUX EN FUSION
[72] REEVES, ERIC W., US
[72] BOORMAN, JAMES, US
[72] WAGSTAFF, ROBERT BRUCE, US
[72] WOMACK, RANDAL GUY, US
[71] NOVELIS INC., CA
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[54] PROCESS FOR STEREOSELECTIVE SYNTHESIS OF PROSTACYCLIN DERIVATIVES
[54] PROCEDE DE SYNTHESE STEREOSELECTIVE DE DERIVES DE LA PROSTACYCLINE
[72] MORIARTY, ROBERT M., US
[72] GUO, LIANG, US
[72] RAO, MUNAGALA S., US
[72] PENMASTA, RAJU, US
[72] STASZEWSKI, JAMES P., US
[71] UNITED THERAPEUTICS CORPORATION, US
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[54] **COMPOSITIONS ET METHODE DE PREPARATION DE MEDICAMENTS A FAIBLE SOLUBILITE DANS L'EAU PRESENTANT UNE STABILITE ACCRUE**

[72] DE, TAPAS, US
[72] DESAI, NEIL P., US
[72] YANG, ANDREW, US
[72] YIM, ZACHARY, US
[72] SOON-SHIONG, PATRICK, US
[71] ABRAXIS BIOSCIENCE, LLC, US
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[72] ABRAHAM, WILLIAM, US
[72] HEMMINGHAUS, JOHN, US
[71] MONSANTO TECHNOLOGY LLC, US
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[72] NARAYANANNAR, JAYAPRAKASH K., US
[72] JAYRAMAN, MUTHUSAMY, US
[72] MAIER, MARIN A., US
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[54] **APPAREIL DE PERFUSION D'UN LIQUIDE**

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[30] KR (10-2010-0030145) 2010-04-01
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[71] SHERWOOD SERVICES AG, CH
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[54] **TOOTHBRUSH WITH ENHANCED CLEANING EFFECTS**

[54] **BROSSE A DENTS A POUVOIR NETTOYANT AMELIORE**

[72] JIMENEZ, EDUARDO, US
[72] GATZEMEYER, JOHN J., US
[72] MINTEL, THOMAS, US
[72] SORRENTINO, ALAN V., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **IMPLANT IMPLANTATION UNIT AND PROCEDURE FOR IMPLANTING THE UNIT**

[54] **APPAREIL D'IMPLANTATION D'IMPLANT ET PROCEDURE D'IMPLANTATION DE L'APPAREIL**

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- [72] GOERTZ, MAGNUS, SE
- [72] ERIKSON, THOMAS, SE
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- [54] BUILDING BLOCK, SYSTEM AND METHOD
- [54] SYSTEME ET METHODE RELATIFS A DES BLOCS DE CONSTRUCTION
- [72] GRAN, JOHN J., US
- [72] THIELE, DANIEL, US
- [72] EBERT, LARRY J., US
- [72] FURLONG, MICHAEL, US
- [71] STONE STRONG, LLC, US
- [22] 2012-06-11
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- [54] DIAGNOSTIC METHOD FOR DETECTING CONTROL VALVE COMPONENT FAILURE
- [54] PROCEDE DE DIAGNOSTIC PERMETTANT DE DETECTER UNE PANNE D'UN COMPOSANT DE SOUPAPE DE COMMANDE
- [72] WILKE, GALEN DALE, US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
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- [54] DIAGNOSTIC METHOD FOR DETECTING CONTROL VALVE COMPONENT FAILURE
- [54] PROCEDE DE DIAGNOSTIC PERMETTANT DE DETECTER UNE PANNE D'UN COMPOSANT DE SOUPAPE DE COMMANDE
- [72] WILKE, GALEN DALE, US
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- [54] COMPOSITIONS CONTENANT DES CELLULES DE SERTOLI ET DES CELLULES MYOIDES ET LEURS UTILISATIONS DANS DES GREFFES CELLULAIRES
- [72] DUFOUR, JANNETTE, CA
- [72] HALBERSTADT, CRAIG, US
- [72] HEMENDINGER, RICHIELE, US
- [72] RAJOTTE, RAY V., CA
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- [54] POIGNEE AUXILIAIRE POUR LITS
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C12P 21/02 (2006.01) C12Q 1/68
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[54] NOVEL IMMUNOGENIC
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[54] NOUVELLE COMPOSITIONS
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[72] ZLOTNICK, GARY W., US

[72] FLETCHER, LEAH D., US

[72] FARLEY, JOHN, US

[72] BERNFIELD, LIESEL A., US

[72] ZAGURSKY, ROBERT J., US

[72] METCALF, BENJAMIN J., US

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CORPORATION, US

[22] 2002-10-11

[41] 2003-08-07

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[21] 2,849,484

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[54] COMPUTER SYSTEM WITH
MULTIPLE TERMINALS

[54] SYSTEME INFORMATIQUE
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[72] PETERSON, DAVID A., US

[71] FH INNOVATIONS, LTD., CA

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MONICA	2,619,601	THOMAS, SHANTHI E.	2,746,814	VENDELIN, JOHN C.	2,646,785
TELYATNIKOV, VLADISLAV		THOMSEN, SCOTT	2,493,651	VERBUS INTERNATIONAL	
V.	2,630,703	THORPE, STEVEN J.	2,620,325	LIMITED	2,542,184
TEMPLE UNIVERSITY - OF		THORSSON, BRYNJOLFUR	2,601,833	VESTAL, FLOYD LAVERN	2,757,304
THE COMMONWEALTH		THORWESTEN VENT GMBH	2,670,713	VICARI, RICHARD	2,737,036
SYSTEM OF HIGHER		THORWESTEN, ALBERT	2,670,713	VIEIRA, JOSELO BATISTA	2,561,999
EDUCATION	2,497,060	THUNDER BAY AIRCRAFT		VILEN, BARBARA J.	2,364,160
TENGLER, MARK	2,599,585	LEASING INC.	2,692,192	VILLARON, SHAWN A.	2,527,015
TER HORST, HENDRIK		THURNAY, EVA SUSANNE	2,741,832	VITARIS, RONALD F.	2,600,249
CORNELIS YNZE	2,596,091	THURNAY, EVA SUSANNE	2,742,911	VOGES, JENS PETER	2,770,364
TERAN, LOUIS F.	2,565,644	THYSENKRUPP STEEL AG	2,649,519	VOSBURGH, SCOTT	2,397,722
TEREX USA, LLC	2,646,785	TIE, RONGJUN	2,629,334	VUKICEVIC, SLOBODAN	2,343,698
TERON, WILLIAM	2,761,005	TIE, RONGKANG	2,629,334	VUKICEVIC, SLOBODAN	2,657,819
TERUNUMA, MASAACKI	2,717,380	TOMIMORI, YOSHIAKI	2,589,638	WABTEC HOLDING CORP.	2,632,234
TESCHNER, ELKE	2,788,772	TOMITA, TOSHIHIRO	2,689,499	WABTEC HOLDING	
TETREAULT, JONATHAN		TOMLINS, SCOTT	2,692,793	CORPORATION	2,539,529
WENDELL	2,631,938	TONG, KUO-FENG	2,691,289	WACOAL CORP.	2,642,663
TEW, GREGORY N.	2,519,023	TOPSOE FUEL CELL A/S	2,593,303	WACOAL CORP.	2,762,952
THE BOARD OF TRUSTEES OF		TORAY INDUSTRIES, INC.	2,635,855	WAISMAN, TAL	2,691,375
THE LELAND STANFORD		TOYNE, NANCY	2,559,004	WAKITANI, TSUTOMU	2,553,591
JUNIOR UNIVERSITY	2,365,668	TRI-VISE, LLC	2,680,746	WALKOVIK, DWAYNE	2,773,540
THE BOEING COMPANY	2,760,479	TSIAYA, REMI PIERRE	2,587,723	WALTER, CHRIS J.	2,600,439
THE CHILDREN'S HOSPITAL		TSUDA, KENJI	2,753,029	WAN, YIU CHUNG	2,578,500
OF PHILADELPHIA	2,585,664	TUBEL, PAULO SERGIO	2,547,710	WANAT, DAVID J.	2,714,934
THE COLEMAN COMPANY,		TUCKER, EDWARD	2,596,218	WANG, HAO	2,630,703
INC.	2,741,866	TUMPNER, HANS	2,621,183	WANG, XIANGWEN	2,656,092
THE CONCENTRATE		TUTTLE, TIMOTHY D.	2,588,219	WARNICK, MATTHEW L.	2,632,234
MANUFACTURING		TYCO ELECTRONICS		WATER AND POWER	
COMPANY OF IRELAND	2,656,095	CORPORATION	2,736,059	TECHNOLOGIES, LLC	2,702,034
THE FOUNTAINHEAD GROUP,		TYCO HEALTHCARE GROUP		WATSON, MATTHEW JAMES	2,761,169
INC.	2,736,455	LP	2,600,249	WATTENGEL, WILLIAM	
THE GATES CORPORATION	2,749,293	UEYAMA, MASAKI	2,717,380	CHRISTIAN	2,548,661
THE GILLETTE COMPANY	2,751,894	ULLRICH, RAYMOND	2,674,762	WEAVER, JAMES H.	2,821,862
THE GLAD PRODUCTS		UMEHARA, KAZUHIRO	2,663,051	WEBASTO SE	2,731,292
COMPANY	2,596,218	UMESH, ANIL	2,797,416	WEBB, CHRISTOPHER J.	
THE IAMS COMPANY	2,756,282	UNITED STATES OF		(DECEASED)	2,649,318
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THE MERINO COMPANY		OF VETERAN'S AFFAIRS	2,809,195	WEBSTER, SCOTT TRAVIS	2,747,576
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THE OHIO STATE		UNIVERSITY OF UTAH		WEICK, TANJA	2,630,209
UNIVERSITY RESEARCH		RESEARCH		WEINBERG, JEREMY E.	2,770,686
FOUNDATION	2,621,441	FOUNDATION	2,809,195	WEINER, DAVID P.	2,483,126
THE PROCTER & GAMBLE		UNIVERSITY OF WESTERN		WEINSTEIN, JAMES N.	2,659,409
COMPANY	2,679,549	ONTARIO	2,604,538	WELKER, MICHAEL	2,654,063
		UPPAL, SHIREEN	2,575,605	WELKIE, DAVID G.	2,639,730

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4428188 CANADA INC.	2,806,715	CARBALLO, ANA FRANCIS	2,795,330	FITZGIBBON, JAMES J.	2,831,589
4428188 CANADA INC. DBA		CARRANZA, MARIA DEL		FLANNERY, KELLY M.	2,822,847
SAGE TEA GROUP	2,794,317	PILAR	2,831,289	FLASZA, MICHAEL D.	2,829,572
ACCENTURE GLOBAL		CARUSO, PAT	2,831,494	FMR LLC	2,832,023
SERVICES LIMITED	2,831,926	CATE, CASPARUS	2,831,589	FOSKEY, CHRISTOPHER	2,832,784
ACCENTURE GLOBAL		CATTON, LEWIS WILLIAM	2,831,114	FRAUNHOFER, CHRISTIAN	2,831,677
SERVICES LIMITED	2,832,163	CAYER, CHRISTIAN	2,795,330	FRITTER, DANIELA N.	2,832,259
ADCO PRODUCTS, INC.	2,832,428	CENTRE FOR ADDICTION		FU, YUCHENG	2,832,794
ALI, ZULFIQAR	2,796,025	AND MENTAL HEALTH	2,794,804	FUGEN, THOMAS	2,829,633
ALKEMADE, STANLEY J.	2,795,330	CENTRE FOR ADDICTION		FUJIWARA, REISHI	2,831,498
ALSTOM TECHNOLOGY LTD	2,831,438	AND MENTAL HEALTH	2,795,134	FUJIWARA, REISHI	2,832,636
ALVAREZ, STACIE M.	2,832,428	CERIMELLI, DEAN	2,832,454	FUKUMOTO, TAKEHIKO	2,831,422
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ANGEVAIN, JEAN-		CLARK, ARNON E.	2,794,813	ISABEL	2,831,289
CHRISTOPHE	2,829,633	COHEN, DAVID	2,831,660	GE AVIATION SYSTEMS	
APPLIED RELIABILITY		COMCAST CABLE		LIMITED	2,831,114
SOLUTIONS LTD.	2,830,666	COMMUNICATIONS, LLC	2,832,179	GE AVIATION SYSTEMS LLC	2,825,463
ARANYI, ERNEST	2,795,323	COMCAST CABLE		GE AVIATION SYSTEMS LLC	2,825,506
ARNASON, JOHN THOR	2,795,330	COMMUNICATIONS, LLC	2,832,800	GE AVIATION SYSTEMS LLC	2,831,805
ASTRIUM GMBH	2,829,633	COPELAND, DARYL G.	2,829,517	GE AVIATION SYSTEMS LLC	2,831,823
AURORA GEOSCIENCES LTD.	2,795,666	CORTESE, RENE	2,795,134	GENERAL ELECTRIC	
AVERY DENNISON		COVIDIEN LP	2,795,323	COMPANY	2,831,828
CORPORATION	2,799,923	COVIDIEN LP	2,829,651	GENERAL ELECTRIC	
AZELTON, KERRY D.	2,832,428	COVIDIEN LP	2,830,561	COMPANY	2,831,833
BAADE, LEVI M.	2,832,185	COVIDIEN LP	2,830,563	GIAUGUE, HAILE M.	2,832,221
BACKMAN, PAUL	2,796,025	COVIDIEN LP	2,831,045	GIAUQUE, PAUL R.	2,832,221
BAKER, JOHN DOUGLAS	2,795,330	CREAGH, ALEXANDER		GIBSON, SHELDON	2,832,475
BALDWIN, SCOTT	2,794,991	CHARLES	2,830,666	GILCHRIST, CALLUM W.	2,794,470
BEDELL, STEPHEN ALAN	2,831,438	CURT G. JOA, INC.	2,833,487	GILCHRIST, KENNETH G.	2,794,470
BELL HELICOPTER TEXTRON		CUTLER, BRADLEY C.	2,794,813	GILSON, ROSE	2,832,179
INC.	2,832,669	DAHL, NEVIN	2,833,010	GINGRAS, LUC	2,832,372
BELL HELICOPTER TEXTRON		DANILOV, KONSTANTIN	2,799,873	GONZALEZ, JOSE LORENZO	2,831,289
INC.	2,832,784	DART INDUSTRIES INC.	2,829,699	GREEN, SCOTT	2,829,407
BELOV, IRINA	2,829,517	DE LEO, ANTHONY M.	2,829,699	GU, GUOXING	2,794,587
BENOIT, MARVIN V.	2,832,503	DE VOS, WIM	2,832,398	HAAS, ALEXANDER	2,832,196
BERG, ERIC	2,830,253	DI FRANCO, BENITO	2,832,189	HANDZIAK, PERRY	2,833,487
BERNTSEN INTERNATIONAL		DI LILLO, MICHELE	2,830,072	HARRIS, DEAN CHARLES	
INC.	2,832,188	DONOHUE, JEREMY	2,832,454	EDWARD	2,807,791
BETTUCHI, MICHAEL J.	2,829,651	DOUBLE A TRAILER &		HAYWARD, GREGORY LEE	2,833,125
BIOSENSE WEBSTER		CONTRACTING INC.	2,795,386	HE SHAN LIDE ELECTRONIC	
(ISRAEL), LTD.	2,831,092	DRANE, MARK R.	2,831,761	ENTERPRISE COMPANY	
BLACKBERRY LIMITED	2,829,525	DURST, TONY	2,795,330	LTD.	2,829,870
BLACKBERRY LIMITED	2,831,376	DZAH, ELI KOMLAN	2,831,926	HELLER, JOHN J.	2,831,215
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BOYDA, BOB	2,799,873	INC.	2,794,813	HERAEUS MEDICAL GMBH	2,830,655
BROKER, JOHN F.	2,831,215	EMADI, ALI	2,809,011	HERMAN, ALVIN	2,795,055
BROOKER, JAMES R.	2,832,435	EMERSON ELECTRIC CO.	2,831,215	HERMAN, ERIC	2,795,055
BROOKS, SETH WARREN	2,832,023	ENEL, DONATELLA	2,831,926	HIGH ENGINEERING CORP.	2,832,836
BUEHLER, ERIC DANIEL	2,825,463	EVANS CONSOLES		HIKITA, DAN	2,796,025
BUEHLER, ERIC DANIEL	2,825,506	CORPORATION	2,798,731	HILLAERT, RIK	2,832,398
BUEHLER, ERIC DANIEL	2,831,805	FAN, PONG YANG	2,829,870	HINKLE, JAY	2,832,428
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HUNDEBY, DAVID ROBERT	2,795,386	MANTYLA, JAMES	2,794,991	PASHA, AKBER	2,822,847
HUTCHINSON, RICKY NEIL	2,831,823	MANULIFE ASSET		PEREIRA, JOSE TAVARES	2,794,916
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INNOVATIVE TRAILER		MASSARWA, FADY	2,831,092	PETRONIS, ARTURAS	2,795,134
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KIMURA, SHIGENOBU	2,806,965	MINNIE, CARL THOMAS	2,794,889	REEMTSMA	
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MAGNETROL		OTIS TECHNOLOGY	2,832,435	SCHULTZ, THOMAS C.	2,832,194
INTERNATIONAL,		OUIMET, CAROLINE N.	2,795,587	SCRICA, PAUL A.	2,795,323
INCORPORATED	2,829,561	OWECHIKO, YURI	2,826,534	SEBASTIAN, THOMAS BABY	2,825,463

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SEBASTIAN, THOMAS BABY	2,825,506	THE CLOROX COMPANY	2,832,428	YANG, TAI-HIER	2,832,576
SEBASTIAN, THOMAS BABY	2,831,805	THOMAS & BETTS		YASKIW, NICK	2,798,731
SEELEY, BRUCE E.	2,830,679	INTERNATIONAL, INC.	2,830,072	YOSHIDA, NORIKO	2,830,623
SEIFER, RALF	2,830,725	THOMAS & BETTS		YOSHIKAWA, KOHEI	2,830,623
SEQUENT SOFTWARE INC.	2,825,751	INTERNATIONAL, INC.	2,831,761	ZANKE, BRENT	2,795,134
SHAIKH, HUMAIR	2,832,018	THOMPSON, ANTHONY A.	2,822,847	ZENITH PRODUCTS	
SIEMESH, TOAM	2,831,092	THOMPSON, GEORGE M.	2,832,669	CORPORATION	2,830,139
SHIMEK, GLENN A.	2,832,669	TIEU, JOHN	2,832,615	ZHANG, ZHAOLEI	2,795,134
SHIN-ETSU CHEMICAL CO.,		TOOLE, ROBERT C.	2,832,023	ZHAO, JIBIN	2,794,587
LTD.	2,831,422	TOOMEY, NEAL	2,799,873	ZIEGENHORN, DAVID	2,832,428
SHOEN, JAMES P.	2,832,454	TRACFONE WIRELESS, INC.	2,832,121		
SHOWER, GREG	2,832,428	TRC SERVICES, INC.	2,832,289		
SIEBENGA, CHARLES	2,831,765	TRC SERVICES, INC.	2,832,982		
SIROUSPOUR, SHAIHN	2,809,011	TROMBETTA, LIBERATORE			
SMALL, GREG	2,832,836	A.	2,832,794		
SMITH, DUDLEY	2,832,784	TRUDEAU, RAYMOND J.	2,829,699		
SOGYO CO., LTD.	2,806,961	TUNSTALL GROUP LIMITED	2,831,310		
SOGYO CO., LTD.	2,806,965	TURCOTTE, CHRISTOPHER P.	2,829,561		
SORICE, CORY	2,831,589	TURNER, RYAN	2,795,271		
SPIREON, INC.	2,832,185	U-HAUL INTERNATIONAL,			
STAMPS, FRANK B.	2,832,669	INC.	2,832,454		
STAMPS, FRANK B.	2,832,784	ULIBARRI, SCOTT	2,831,210		
STANDARD TEXTILE CO.,		UNKNOWN	2,794,470		
INC.	2,796,549	VAAL, RANDY J.	2,831,923		
STANEK, GREGORY JOHN	2,831,589	VACCARO, JOSEPH	2,830,139		
STARK, DANIEL	2,822,847	VALLANCE, CLIVE J.	2,831,310		
STATE FARM MUTUAL		VAN DE WALLE, JEAN-			
AUTOMOBILE		CLAUDE	2,832,398		
INSURANCE COMPANY	2,833,125	VARGAS RINCON, RICARDO			
STERN, HADLEY RUPERT	2,832,023	ALBERTO	2,795,324		
STEWART, RICHARD	2,796,549	VAUGHN, MICHAEL	2,831,055		
STOCK, CALVIN	2,794,497	VEILLETTE, MARC-ANTOINE	2,830,072		
STOTZ, SARAH CHRISTINE		VELJI, IQBAL	2,795,330		
MAAS	2,831,805	VIETZ, RYAN	2,831,972		
STREHE, NADJA	2,832,889	VIACYTE, INC.	2,832,194		
SULZIER MIXPAC AG	2,830,725	VIETZ, MATTHIAS	2,831,677		
SUNCOR ENERGY INC.	2,796,025	VINCENT, JOHN B.	2,794,804		
SUPERIOR RADIANT		VOGT POWER			
PRODUCTS LTD.	2,831,494	INTERNATIONAL INC.	2,822,847		
SUTTON, DREW A.	2,832,784	VOGT, SEBASTIAN	2,830,629		
SWIST, JASON	2,795,363	VOGT, SEBASTIAN	2,830,655		
SYNCRUDE CANADA LTD. IN		VOLKER, MICHAEL	2,829,633		
TRUST FOR THE		WACKER CHEMIE AG	2,831,677		
OWNERS OF THE		WADE, JOSE MIGUEL	2,795,330		
SYNCRUDE PROJECT	2,832,615	WARNER, JIM	2,799,923		
TAIWAN FULGENT		WATERS, CRYSTAL			
ENTERPRISE CO., LTD.	2,809,382	CHARMAINE	2,830,666		
TAIWAN FULGENT		WATSON WELL SOLUTIONS,			
ENTERPRISE CO., LTD.	2,809,385	LLC	2,833,010		
TAIWAN FULGENT		WATSON, ROGER	2,833,010		
ENTERPRISE CO., LTD.	2,809,525	WATSON-CLARK, RACHEL	2,832,259		
TAKAGI, RYUICHI	2,806,961	WEINSTEIN, ANDREW	2,825,751		
TAKAGI, RYUICHI	2,806,965	WENZEL, KENNETH	2,795,029		
TANG, BAO	2,843,679	WHITE, ANDREW	2,831,972		
TANG, FENG	2,829,572	WHITE, LONNIE DALE	2,832,289		
TASINGA, KHAN	2,831,660	WHITE, LONNIE DALE	2,832,982		
TAYLOR, DARRYL	2,822,847	WIESE, KEVIN	2,831,210		
TAYLOR, GREGORY	2,832,163	WILLIAMS, JUSTIN	2,830,561		
TDW DELAWARE, INC.	2,831,055	WILLIAMS, JUSTIN	2,830,563		
TFL DISTRIBUTION, LLC	2,794,239	WILLIAMS, NICHOLAS	2,832,435		
THE BOEING COMPANY	2,826,534	WILLMOTT, COLIN BARNES	2,831,589		
THE CHAMBERLAIN GROUP,		WU, JUN	2,833,125		
INC.	2,831,589	WYATT, JOSEPH	2,829,407		
THE CLOROX COMPANY	2,832,259	XU, LUYAO	2,795,584		

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212 RESOURCES	2,849,953	ALLIANT TECHSYSTEMS INC.	2,849,875	ARCIA, ROVIL	2,850,188
3M INNOVATIVE PROPERTIES		ALMIRALL, S.A.	2,849,868	ARCIA, ROVIL	2,850,192
COMPANY	2,849,367	ALMIRALL, S.A.	2,849,872	ARORA, VINOD KUMAR	2,850,089
AB LUDVIG SVENSSON	2,849,579	ALTJOHANN, FRANK	2,849,946	ARTACK MEDICAL (2013)	
ABACHE, TOUFIK	2,850,295	AMADEUS	2,849,975	LTD.	2,849,887
ABB TECHNOLOGY AG	2,849,620	AMAZON TECHNOLOGIES,		ASAHI KASEI CHEMICALS	
ABB TECHNOLOGY LTD.	2,849,785	INC.	2,849,904	CORPORATION	2,850,099
ABB TECHNOLOGY LTD.	2,849,807	AMAZON TECHNOLOGIES,		ASALUS MEDICAL	
ABBAS, SAYEED	2,850,140	INC.	2,849,911	INSTRUMENTS LIMITED	2,850,333
ABBAY & PRIDE IP PTY LTD.	2,850,230	AMAZON TECHNOLOGIES,		ASHELIN, CHARLES J.	2,849,826
ABBVIE INC.	2,849,797	INC.	2,850,008	ASSOCIATION DES	
ABBVIE INC.	2,849,806	AMAZON TECHNOLOGIES,		PARALYSES DE FRANCE	
ABBVIE INC.	2,849,810	INC.	2,850,011	APF	2,849,958
ABEL, JEFFREY BRYAN	2,849,398	AMAZON TECHNOLOGIES,		ASUNDI, JYOTI	2,850,034
ABL YNX NV	2,850,261	INC.	2,850,114	ATLAS COPCO ROCK DRILLS	
ABRAMSON, DAN	2,849,718	AMGEN INC.	2,849,318	AB	2,850,058
ABRAMSON, DAN	2,849,725	AMGEN INC.	2,850,166	ATTWOOD, REECE	2,849,929
ADJAKPLE, PASCAL	2,850,321	AMIP	2,849,732	AUBERT, JEROME	2,849,741
ADVANCED DRILLING		AMOA, FRANCIS	2,850,333	AUBERT, JEROME	2,849,977
SOLUTIONS GMBH	2,849,928	AMS RESEARCH		AUGUST, DAVID	2,849,988
ADVINUS THERAPEUTICS		CORPORATION	2,849,728	AUTOINVENT TRANSIP AB	2,850,080
LIMITED	2,849,726	ANAGNOSTOPOULOS,		EVERY DENNISON	
AETHON, INC.	2,849,739	CONSTANTINE	2,849,900	CORPORATION	2,849,722
AFZALI-ARDAKANI, ALI	2,847,580	ANASTASIEVIC, NIKOLA	2,849,940	AZUMA, MASAFUMI	2,850,044
AGGARWAL, ISHWAR D.	2,849,740	ANCEL, OHAD	2,849,994	AZUMA, MASAFUMI	2,850,045
AGHASSIAN, DANIEL	2,850,226	ANDEREGG, ROLAND	2,849,967	AZUMA, MASAFUMI	2,850,091
AGHILL, BEHROUZ	2,850,321	ANDERSEN, NIELS PETER		AZUMA, MASAFUMI	2,850,101
AHMAD, SAAD	2,850,321	SKOV	2,849,757	AZZOLIN, DIEGO	2,849,701
AHMED, SHEIKH AFZAAL	2,849,592	ANDERSEN, NIELS PETER		AZZOLIN, DIEGO	2,849,890
AHN, KYOUNG-KYU	2,849,702	SKOV	2,849,761	AZZOLIN, DIEGO	2,849,892
AIGUADE BOSCH, JOSE	2,849,868	ANDERSEN, NIELS PETER		AZZOLIN, GUIDO	2,849,701
AIGUADE BOSCH, JOSE	2,849,872	SKOV	2,849,763	AZZOLIN, GUIDO	2,849,890
AIRBORNE SYSTEMS NORTH		ANDERSEN, NIELS PETER		AZZOLIN, GUIDO	2,849,892
AMERICA OF NJ INC.	2,850,016	SKOV	2,849,769	BABAULT, NICOLAS	2,849,861
AIRCELLE	2,850,246	ANDERSON, MATTHEW	2,850,182	BABCOCK & WILCOX POWER	
AKHAPKIN, ROMAN		ANDERSSON, HANS	2,849,579	GENERATION GROUP,	
VITALYEVICH	2,849,711	ANDRES, PHILIPPE	2,850,273	INC.	2,849,749
AKHAPKINA, VALENTINA		ANDROS, MATTHEW JAMES	2,850,087	BABCOCK & WILCOX POWER	
IVANOVNA	2,849,711	ANIMAS CORPORATION	2,849,993	GENERATION GROUP,	
AKIYAMA, TOMONORI	2,850,014	ANNEST, LON	2,850,179	INC.	2,850,142
AKYILDIZ, ERDEM	2,850,110	ANNEST, LON	2,850,181	BABIESFIRST LIMITED	2,850,077
AL-MEHTHEL, MOHAMMED	2,849,776	ANNEST, LON	2,850,188	BACHA, SEDDIK	2,849,963
AL-UTAIBI, ABDULAZIZ S.	2,849,776	ANNEST, LON	2,850,192	BACK, JERK	2,850,058
ALAXIA SAS	2,849,857	ANTAL, KEITH E., SR.	2,850,064	BAER, GRAEME D.	2,849,904
ALCOA INC.	2,849,759	APC-T B.V.	2,850,291	BAER, GRAEME D.	2,849,911
ALFANI, ROBERTA	2,849,550	AQUA CENTS WATER		BAHRENBERG, GREGOR	2,849,933
ALI, IMITAZ	2,850,063	MANAGEMENT, LLC	2,850,087	BAHRENBERG, GREGOR	2,849,960
ALI, MOHAMMED RIZWAN	2,849,776	ARCELIK ANONIM SIRKETI	2,850,110	BAILLY, DOMINIQUE	2,849,707
ALI, SHIROOK M.	2,849,932	ARCELOMITTAL		BAKO, ZOLTAN	2,849,869
ALIKUNJU, SHANAVAS	2,850,022	INVESTIGACION Y		BALASUBRAMANIAM,	
ALJOHANI, SAMER		DESAROLLO, S.L.	2,850,012	VENKATARAMANAN	2,850,251
MOHAMMED	2,849,965	ARCHER DANIELS MIDLAND		BALINT, DANIEL	2,849,867
ALLEN, EDWARD P.	2,849,910	COMPANY	2,849,885	BAN, HIROYUKI	2,850,332
ALLERGAN, INC.	2,849,893	ARCHER, NICOLAS	2,849,988	BANG, KEUK CHAN	2,850,055
ALLERGAN, INC.	2,850,132	ARCIA, ROVIL	2,850,179	BANNISTER, JOHN JOSEPH	2,848,946

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BARANOWSKI, JOHN	2,850,146	BIANCHI, MAURO	2,850,010	BORDEAU, PHILIPPE	2,849,857
BARD SHANNON LIMITED	2,850,057	BIC-VIOLEX SA	2,849,730	BORGES, JERRY FRANCIS	2,849,755
BARGER, MARK A.	2,850,128	BICHLER, MANFRED	2,850,247	BORTZ, JONATHAN	2,849,732
BARRATT, THOMAS	2,849,619	BICKNELL, STEPHEN	2,849,797	BORUAH, ANIMA	2,850,022
BARTBERGER, MICHAEL D.	2,850,166	BICYCLE THERAPEUTICS LIMITED	2,849,948	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2,850,033
BARTEL, ROGER P.	2,849,768	BIGEARD, FANNY	2,850,312	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2,850,226
BARTI, STEFAN	2,849,669	BIGNALL, SIMON	2,850,077	BOTMA, JETZE	2,849,870
BARTKO, KIRK M.	2,849,825	BILLERUDKORSNAS SKOG & INDUSTRI AKTIEBOLAG	2,850,267	BOTROS, IHAB	2,850,329
BARTKO, KIRK M.	2,849,922	BILLERUDKORSNAS SKOG & INDUSTRI AKTIEBOLAS	2,850,269	BOULDIN, BRETT WAYNE	2,849,825
BASF CONSTRUCTION SOLUTIONS GMBH	2,850,247	BILLODEAU, LUC	2,849,717	BOULDIN, BRETT WAYNE	2,849,922
BASF CORPORATION	2,849,700	BILTOFT, BRUCE GREGORY	2,850,309	BOUNDS, JOSEPH A.	2,849,921
BASF SE	2,849,663	BINDER, CHRISTIAN	2,849,940	BOURGOIS, SEBASTIEN ALAIN CHRISTOPHE	2,850,259
BASF SE	2,849,700	BINDER, THOMAS P.	2,849,885	BOWER, JOHN	2,850,181
BASF SE	2,850,127	BINDSCHIEDLER, PIERRE-ETIENNE	2,850,283	BOWER, JOHN	2,850,188
BASF SE	2,850,191	BINDSCHIEDLER, PIERRE-ETIENNE	2,850,286	BOWER, JOHN	2,850,192
BATT, FREDERIC	2,849,751	BINDSCHIEDLER, PIERRE-ETIENNE	2,850,288	BOWMAN, STEVEN R.	2,849,740
BAUCHE, CECILE	2,849,652	BINDSCHIEDLER, PIERRE-ETIENNE	2,850,290	BOWMAN, VINCENT H.	2,849,722
BAUDIN, THIERRY	2,850,163	BINDSCHIEDLER, PIERRE-ETIENNE	2,849,881	BOYINGTON, JEFFREY C.	2,849,822
BAXTER, GLENN	2,849,929	BINNIE, FERGUS CAMERON	2,849,746	BRADKEN RESOURCES PTY LIMITED	2,849,929
BAXTER, PAUL S.	2,849,907	BIOINVENT INTERNATIONAL AB	2,849,746	BRAMANTI, EMILIA	2,849,804
BAYER INTELLECTUAL PROPERTY GMBH	2,849,955	BIOVENTRIX, INC.	2,850,179	BRAMBILLA, GAETANO	2,850,084
BD KIESTRA B.V.	2,849,870	BIOVENTRIX, INC.	2,850,181	BRANDWINE, ERIC J.	2,849,911
BE AEROSPACE, INC.	2,849,541	BIOVENTRIX, INC.	2,850,188	BRAUN GMBH	2,849,243
BEACHY, ROGER	2,849,390	BIOVENTRIX, INC.	2,850,192	BRAUNFELD, RONALD J.	2,849,970
BEARDSLEE, TOM	2,850,095	BIRD, JAMES C.	2,847,545	BRENNER, JACOB SAMUEL	2,849,734
BEASE, MICHAEL	2,849,988	BISHOP, MATTHEW T.	2,850,131	BREUSTEDT, DANIEL	2,849,866
BEATTIE, PATRICK	2,849,980	BISHOP, MATTHEW T.	2,850,319	BRIGHT, NEIL STAFFORD	2,848,946
BEAUCHAMP, DEREK A.	2,849,779	BLACKBERRY LIMITED	2,849,757	BRITISH COLUMBIA CANCER AGENCY BRANCH	2,850,068
BEAUDOIN, DANIEL A.	2,850,128	BLACKBERRY LIMITED	2,849,761	BROCKWAY, MARINA	2,849,294
BECK, ELMAR	2,849,936	BLACKBERRY LIMITED	2,849,763	BRODEN, DAVID A.	2,849,392
BECK, HILARY PLAKE	2,850,166	BLACKBERRY LIMITED	2,849,769	BROOKS, DONALD	2,849,971
BECTON, DICKINSON AND COMPANY	2,849,917	BLACKBERRY LIMITED	2,849,932	BROWN, DARRELL IAN	2,850,090
BEISSMANN, FRANK	2,850,093	BLACKBERRY LIMITED	2,850,299	BRUBAKER, JASON	2,849,336
BELIN, CECILE	2,850,119	BLACKFORD, MICHAEL WOODY, E.	2,849,772	BRUBAKER, JASON	2,849,357
BELKIN, ANATOLY S.	2,849,986	BLENDINGER, STEFAN	2,849,569	BRUNHUBER, CHRISTIAN	2,850,241
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC	2,850,303	BLOM, PETRA	2,850,350	BRUNS, CLAAS	2,850,150
BENDIX SPICER FOUNDATION BRAKE LLC	2,850,123	BLOM, PETRA MARCELLA FRANCOISE	2,849,999	BSN MEDICAL GMBH	2,849,939
BENDT, MADS	2,849,818	BLOOMFIELD, STEPHEN	2,850,213	BUCHANAN, DAVID	2,849,394
BENNSTEDT, NIKLAS	2,850,080	BLOOMFIELD, STEPHEN	2,850,214	BUCHANAN, PETER	2,849,723
BENOIT, ALEXANDRE YANN MICHEL	2,850,163	BLUEBIRD BIO, INC.	2,849,720	BUDAI, MICHAEL B.	2,849,918
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				BUTLER, WILLIAM	2,850,192

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BUYSE, KURT	2,849,813	CERTICOM CORP.	2,849,769	CISCO TECHNOLOGY, INC.	2,850,120
CAFERRO, THOMAS	2,849,995	CETINKAYA, EBRU	2,850,110	CLAPP, ARTHUR	2,850,273
CAGLE, PHIL	2,849,864	CHAI, GUOCAI	2,849,800	CLARIANT INTERNATIONAL	
CAI, JUEXIAO	2,849,703	CHANG, CHIA CHEN	2,849,808	AG	2,850,251
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CAMERON INTERNATIONAL		CHARNEAU, PIERRE	2,849,652	CLARY, LAURENCE	2,849,977
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JOHN	2,849,761	CHEN, YING	2,849,501	CLUTTERBUCK, TIMOTHY A.	2,849,721
CAMPAGNA, MATTHEW		CHEN, ZHENXIANG	2,849,778	CNRS	2,849,733
JOHN	2,849,763	CHEVRON PHILLIPS		CNRS	2,849,738
CAMPAGNA, MATTHEW		CHEMICAL COMPANY LP	2,850,062	CNRS	2,849,741
JOHN	2,849,769	CHEVRON U.S.A. INC.	2,849,299	COBB, BEN	2,850,121
CAMPBELL SOUP COMPANY	2,850,146	CHEVRON U.S.A. INC.	2,849,905	COCKBURN, JOHN	2,849,860
CAMPBELL, JEFFREY	2,849,729	CHEVRON U.S.A. INC.	2,850,060	COGSWELL, JEREMY	2,849,900
CAMPBELL, MATTHEW	2,849,816	CHIAO, MU	2,850,068	COHANE, KENYA PRINCE	2,849,391
CAMPOBENEDETTO,		CHIESI FARMACEUTICI S.P.A.	2,850,081	COHEN, MATTHEW	2,849,821
EDWARD J.	2,849,749	CHIESI FARMACEUTICI S.P.A.	2,850,084	COLLIGNON, MICHAEL	2,850,309
CAMPOBENEDETTO,		CHILDERS, MATTHEW		COLLINS, JAMES	2,850,339
EDWARD J.	2,850,142	LLOYD	2,849,336	COLOMBO, PAOLO	2,850,084
CAPLAN, SHARI L.	2,849,760	CHILDRESS, SUSANN	2,850,187	COLUMBIA SPORTSWEAR	
CAPONE, CLAUDIA	2,849,550	CHILOV, GERMES		NORTH AMERICA, INC.	2,849,772
CARAVIELLO, DANIEL Z.	2,849,326	GRIGORIEVICH	2,850,137	COLVAN, LORA	2,849,893
CARDARELLI, FRANCOIS	2,849,787	CHIM, EDWIN	2,849,797	COLVILLE, STEPHEN MILES	2,850,176
CARON, ERIC	2,849,717	CHIM, EDWIN	2,849,806	COLVIN, RICHARD D.	2,850,109
CARROLL, MICHAEL B.	2,849,295	CHIM, EDWIN	2,849,810	COMEAX, CHRISTOPHER M.	2,850,001
CASCAO-PEREIRA, LUIS G.	2,850,079	CHINA PETROLEUM &		COMLEY, CECIL	2,849,766
CASTAGNE, JEAN-FRANCOIS	2,850,163	CHEMICAL		COMLEY, JAMES	2,849,766
CASTANHEIRA AIRES DA		CORPORATION	2,849,814	COMLEY, JOHN	2,849,766
SILVA, FREDERICO		CHINAPAREDDY, SOUJANYA	2,849,243	COMPAGNIE GENERALE DES	
NUNO	2,849,705	CHINEN, TORU	2,840,785	ETABLISSEMENTS	
CASTRO PALOMINO LARIA,		CHING, PUIYI	2,829,685	MICHELIN	2,850,119
JULIO CESAR	2,849,564	CHINGALANDE, DUBAI	2,850,004	COMPOSITE HELICOPTER	
CATERPILLAR GLOBAL		CHIPWORKS,		HOLDINGS LIMITED	2,850,227
MINING EUROPE GMBH	2,849,967	INCORPORATED	2,849,729	COMPOSITE REBAR	
CATERPILLAR INC.	2,850,219	CHO, YOUNG RE	2,850,053	TECHNOLOGIES, INC.	2,849,375
CATERPILLAR INC.	2,850,345	CHO, YOUNG SHIN	2,849,995	COMPTON, STEFAN M.	2,850,298
CATERPILLAR INC.	2,850,348	CHOI, SEUNG-HOON	2,850,164	CONLEY, PAUL G.	2,850,158
CAVANAGH, JAMES D.	2,849,719	CHOU, JOEY	2,850,124	CONNELLY, MARGERY	2,849,782
CECCARELLI, SIMONA M.	2,849,945	CHRIST, GEORGE J.	2,849,987	CONNELLY, MARGERY	2,850,100
CEDOZ, ROGER T.	2,850,133	CHRISTOPH, THOMAS	2,849,933	CONNORS, RICHARD V.	2,850,166
CELGENE CORPORATION	2,849,708	CHRISTOPH, THOMAS	2,849,960	CONTE, AURELIA	2,849,945
CELGENE CORPORATION	2,849,903	CHRISTOPHER, MATTHEW	2,849,336	CONTI, MELCHIORRE	2,850,339
CELLEPATHY LTD.	2,849,718	CHROMATIC		COOK, MATTHEW R.	2,849,745
CELLEPATHY LTD.	2,849,725	TECHNOLOGIES, INC.	2,850,122	COOLEY, CRAIG H.	2,849,165
CELLITTI, SUSAN E.	2,849,760	CHUGAI SEIYAKU		COOPER B-LINE, INC.	2,849,812
CENTRE NATIONAL DE LA		KABUSHIKI KAISHA	2,850,035	COOPER, SIMON JAMES	2,849,903
RECHERCHE		CHUGAI SEIYAKU		COPELAND, RICHARD L.	2,849,882
SCIENTIFIQUE (CNRS)	2,850,163	KABUSHIKI KAISHA	2,850,041	COPENHAVER, RANDOLPH	
CENTRE NATIONAL DE LA		CHUGAI SEIYAKU		LEE	2,850,016
RECHERCHE		KABUSHIKI KAISHA	2,850,322	COPLAND, JOHN A., III	2,849,903
SCIENTIFIQUE	2,849,861	CHUN, CHANGMIN	2,850,302	CORONA, BENJAMIN T.	2,849,987
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COSTEUX, STEPHANE	2,850,129	DENTINGER, MICHAEL	2,850,236	DOW GLOBAL	
COTE, PAUL F.	2,850,141	DENTSPLY INTERNATIONAL		TECHNOLOGIES LLC	2,850,314
COTHRAN, JOHN D.	2,849,907	INC.	2,850,104	DOW GLOBAL	
COUTARD, FRANCOIS	2,850,328	DEPPE, GORDON R.	2,849,905	TECHNOLOGIES LLC	2,850,319
COVIDIEN LP	2,849,821	DERE, UDAYKUMAR P.	2,849,871	DOYEN, PHILIPPE	2,849,958
COVIZZI, GIAMPAOLO	2,850,280	DESCHANDOL, KARINE	2,850,238	DOYLE, MICHAEL L.	2,849,737
COWARD-KELLY,		DESEYNE, PATRICK	2,849,958	DOYLE, SARAH	2,849,816
GUILLERMO	2,850,070	DESOUCHES, RENAUD	2,849,966	DR. REDDY'S	
COX, CHRIS	2,850,329	DESOUSA, BRIAN	2,849,794	LABORATORIES, LTD.	2,850,022
COX, MATTHEW A.	2,849,873	DESTEFANO, MARK		DRABER, JURGEN	2,849,811
CRACIUN, OCTAVIAN	2,849,963	ANTHONY	2,849,993	DREHER, ANDREAS JOSEF	2,850,090
CRAHEN, ERIC D.	2,849,911	DEUTSCH, DAVID SAMUEL	2,850,302	DRONOV, VASILY	2,850,033
CRAMER, WILLIAM	2,850,146	DEWAN, LESLIE C.	2,850,229	DRZEWIECKI, LOPEK	2,850,005
CRANE SECURITY		DEZEUSTRE, NICOLAS	2,850,246	DT SEARCH & DESIGNS LLC	2,849,766
TECHNOLOGIES, INC.	2,850,141	DHAESE, PATRICK MARKUS	2,850,213	DUAN, JUNXIN	2,850,070
CROONENBERGHS, JAMES	2,849,885	DHAESE, PATRICK MARKUS	2,850,214	DUMAS, JOHN HICKS, III	2,849,986
CROWN PACKAGING		DHIMAN, RAJEEV	2,847,545	DUMMER, REINHARD	2,849,708
TECHNOLOGY, INC.	2,849,942	DHURI, SANJEEV N.	2,849,871	DUNLAP, SCOTT	2,849,815
CROWN PACKAGING		DI CARLO, DINO	2,850,335	DUNN, WILLIAM	2,849,902
TECHNOLOGY, INC.	2,850,174	DI MURO, VINCENZO	2,849,804	DUNWOODY, PAUL ROBERT	2,849,942
CROWN PACKAGING		DI, WEI	2,850,020	DUQUETTE, JASON A.	2,850,166
TECHNOLOGY, INC.	2,850,176	DIAGNOSTICS FOR ALL, INC.	2,849,980	DUROT, LOUIS	2,850,283
CROWN PACKAGING		DIEBOLD, MICHAEL PATRICK	2,849,758	DUROT, LOUIS	2,850,286
TECHNOLOGY, INC.	2,850,244	DIEBOLD, MICHAEL PATRICK	2,849,762	DUROT, LOUIS	2,850,288
CUNILL AIXELA, JUAN	2,850,266	DIEBOLD, MICHAEL PATRICK	2,849,773	DUROT, LOUIS	2,850,290
DA SILVA, JORGE M.	2,849,978	DIEM, MICHAEL	2,849,774	DUSTERHOFT, RONALD G.	2,850,109
DA SILVA, JORGE M.	2,850,168	DIERKES, FRANK	2,849,397	DUTHEUIL, GUILLAUME	2,849,751
DAHER AEROSPACE	2,849,707	DIETERLE, MARK	2,849,888	DUX, DARIN L.	2,849,906
DAKIN, DANIEL	2,849,808	DIETZ, PETER T.	2,849,367	DWORAK, DALLAS MARTIN,	
DAKIN, ELIZABETH A.	2,849,808	DINTER, RALF MARTIN	2,849,811	JR.	2,849,812
DAKOR MELAMIN		DIOP, SEYDOU	2,850,136	DYE, CHRISTOPHER M.	2,850,225
IMPRAGNIERUNGEN		DISRUD, JEFF A.	2,849,925	DYEVICH, MICHAEL	2,850,220
GMBH	2,849,936	DIVO, FABIEN	2,850,212	E. I. DU PONT DE NEMOURS	
DALRYMPLE, ERIC	2,850,234	DIX, ROBERT	2,849,797	AND COMPANY	2,849,773
DAMODHARAN,		DO, THAI	2,849,759	E.I. DU PONT DE NEMOURS	
RADHAKRISHNAN	2,849,721	DOANE, ANDREW J.	2,850,114	AND COMPANY	2,849,758
DANG-VU, TRONG	2,849,864	DOGLIONI MAJER, LUCA	2,850,009	E.I. DU PONT DE NEMOURS	
DANIEL, MATTIAS	2,850,105	DOLAN, PAUL	2,850,012	AND COMPANY	2,849,762
DANIELS, DOUGLAS S.	2,849,760	DOLE FOOD COMPANY, INC.	2,850,183	EADS DEUTSCHLAND GMBH	2,850,208
DANISCO US INC.	2,849,401	DOLL, ALEXANDER F.	2,849,243	EATON CORPORATION	2,849,871
DANISCO US INC.	2,850,079	DOLSEY, RUSSELL	2,850,088	EBAY INC.	2,849,815
DARNER, BRETT S.	2,850,123	DONALD DANFORTH PLANT		EBAY INC.	2,849,878
DAS, TAPAN K.	2,849,905	SCIENCE CENTER	2,849,390	EBAY INC.	2,849,970
DATRANGE, LAXMIKANT	2,849,726	DONATE, FELIPE A.	2,850,126	EBAY INC.	2,850,020
DAUPHINAIS, RAYMOND P.	2,850,125	DOUGHERTY, BRIAN C.	2,850,222	EBAY INC.	2,850,074
DAVID, CATHERINE	2,849,857	DOUGLAS		ECHOSTAR TECHNOLOGIES	
DAVOS, VASILEIOS	2,849,730	PHARMACEUTICALS		L.L.C.	2,849,915
DAWSON, CHRIS	2,850,146	LTD.	2,849,881	ECKEL, THOMAS	2,849,955
DE ALMEIDA LOURENCO,		DOW AGROSCIENCES LLC	2,849,326	EDER, FLORIAN	2,850,240
AUGUSTO MANUEL	2,850,057	DOW GLOBAL		EFTHIMIADIS, DIMITRIOS	2,849,730
DE HAAN, WIEBE	2,850,031	TECHNOLOGIES LLC	2,849,973	EHST, DAVID A.	2,850,061
DE LANY, THOMAS	2,850,087	DOW GLOBAL		EK, VILHELM	2,849,736
DE MELO SOARES DA COSTA,		TECHNOLOGIES LLC	2,850,126	EKSTEROWICZ, JOHN	2,850,166
RUI MANUEL	2,850,057	DOW GLOBAL		EL BOUSMAQUI, MOHAMED	2,849,751
DEAN, TREVOR ANTHONY	2,849,867	TECHNOLOGIES LLC	2,850,128	EL-BELTAGY, MOHAMMED	2,849,853
DEANE, JAMES	2,850,339	DOW GLOBAL		ELC MANAGEMENT LLC	2,849,912
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DEGROOT, MARTY W.	2,850,314	DOW GLOBAL		ELC MANAGEMENT LLC	2,849,916
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DELATTRE, GREGORY	2,850,243	TECHNOLOGIES LLC	2,850,140	EMANUELSSON, KAJ	2,850,058
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TECHNOLOGY OU	2,849,940	FENG, FENG	2,849,561	FUKIURA, KAZUMA	2,850,285
ENEL GREEN POWER S.P.A.	2,849,962	FERNANDEZ RAMIREZ,		FUNAKI, MIHO	2,850,041
ENEL GREEN POWER S.P.A.	2,850,255	GIMMY ALEX	2,849,663	FURR, MICHAEL B.	2,850,114
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LIMITED	2,848,946	GRANCHIO LOURENCO,		LTD.	2,850,102
ENERGY & ENVIRONMENTAL		SARA	2,849,705	FURUKAWA MAGNET WIRE	
RESEARCH CENTER		FIEGEL, VANCE	2,850,167	CO., LTD.	2,850,102
FOUNDATION	2,849,714	FINISHING BRANDS		FYFE, MATHEW COLIN THOR	2,849,564
ENGLER, WOLFGANG	2,850,260	HOLDINGS INC.	2,850,133	GACHE, YANNICK	2,849,733
ENOSE, ARNO APPAVOO	2,850,089	FIRESTONE INDUSTRIAL		GACHE, YANNICK	2,849,738
EPISTEM LIMITED	2,850,121	PRODUCTS COMPANY,		GACHE, YANNICK	2,849,741
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(COMPAGNIE GENERALE		FITCH, NATHAN R.	2,849,911	DEVELOPMENT	2,849,733
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ESSILOR INTERNATIONAL		FLECK, ROBERT	2,849,569	DEVELOPMENT	2,849,738
(COMPAGNIE GENERALE		FLOREA, CATALIN M.	2,849,740	GALDERMA RESEARCH &	
D'OPTIQUE)	2,850,212	FLORES, CHRISTOPHER M.	2,849,782	DEVELOPMENT	2,849,741
ESTELL, DAVID A.	2,850,079	FLORES, CHRISTOPHER M.	2,850,100	GALDERMA RESEARCH &	
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ETHEVE-QUELQUEJEU,		CORPORATION	2,849,984	GALLANT, STUART L.	2,850,304
MELANIE	2,849,969	FOLLEA INTERNATIONAL		GAMBLE, ALEKSANDR T.	2,850,126
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ETHICON, INC.	2,849,756	FONTAYNE, ALEXANDRE	2,850,328	GARBER, TRENT J.	2,849,375
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TECHNOLOGIES LLC	2,849,737	VIRGINIE	2,850,286	GEBHARD, THOMAS	2,849,790
EVOQUA WATER		FRANCOIS BARSEGHIAN,		GEBHARD, THOMAS	2,849,793
TECHNOLOGIES LLC	2,850,309	VIRGINIE	2,850,288	GEBHARD, THOMAS	2,849,796
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AND ENGINEERING		FRANKE, GEROLD	2,849,569	GENENTECH, INC.	2,850,032
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AND ENGINEERING		FRASER, CRAIG J.	2,850,158	GENERAL ELECTRIC	
COMPANY	2,849,923	FRASER, GRAEME	2,849,751	COMPANY	2,849,869
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AND ENGINEERING		FREBOURG, PHILIPPE	2,850,257	COMPANY	2,849,989
COMPANY	2,850,302	FRUTOS FERNANDEZ, MARIA		GENERAL ELECTRIC	
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F. HOFFMANN-LA ROCHE AG	2,849,945	FU, JIASHENG	2,850,166	GENGE, NICO	2,850,150
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GLUSZOK, SEBASTIEN	2,849,857	HALLMAN, GEORGE	2,849,744	HERMANS, GUY	2,850,261
GLYTECH, INC.	2,849,752	HAMADA, YUUTA	2,850,043	HERSHBERGER, THOMAS A.	2,849,375
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GOUACHE, STEPHANE	2,849,952	HANOLD, TERRANCE D.	2,850,011	HIRONIWA, NAOKA	2,850,041
GOUARD, STEPHANE	2,849,876	HANSEN, ALLAN BOYE	2,850,209	HITZEROTH, INGA ISABEL	2,850,293
GRADY, ROBERT H.	2,850,059	HANSEN, ANDERS ORGARD	2,849,818	HO, WING KEI	2,849,882
GRAEBER, CARSTEN	2,850,241	HANSSON, MARKUS	2,849,746	HOBBS, STEPHEN J.	2,849,703
GRAHN, ANITA MARIE	2,849,916	HARAYA, KENTA	2,850,322	HODEL, JEREMY J.	2,850,160
GRAINGER, LUCY	2,850,339	HARDER, CRAIG	2,850,219	HOFFMANN, DAVID J.	2,849,826
GRANJON, PIERRE	2,849,963	HARDER, CRAIG	2,850,345	HOFLACK, JAN	2,850,350
GRAPHIC PACKAGING INTERNATIONAL, INC.	2,849,925	HARDER, CRAIG	2,850,348	HOFLACK, JAN MARIE CYRIEL JOZEF	2,849,999
GRAPHIC PACKAGING INTERNATIONAL, INC.	2,849,927	HARREN, MIKAEL	2,849,975	HOJDA, RALF	2,850,150
GRAPHIC PACKAGING INTERNATIONAL, INC.	2,849,944	HARRIS, JEFFERY R.	2,850,062	HOKE, JEFFREY	2,849,700
GRARE, SEBASTIEN	2,849,958	HARRIS, WILLIAM J.	2,850,319	HOKE, PHYLLIS D.	2,849,243
GREEN, JOHN WILLIAM	2,849,755	HARRISON, BENJAMIN S.	2,849,987	HOLGERSON, PER	2,849,579
GREEN, PHILLIP RICHARD	2,849,823	HARTIN, JEFFERY W.	2,850,143	HOLMAN, NICHOLAS	2,849,369
GREGORY, PHILIP D.	2,849,920	HARTLAUB, THADDEUS J.	2,850,104	HOLMES, MICHAEL C.	2,849,920
GRENDER, JULIE MYERS	2,849,243	HARTLE, JENNIFER	2,849,732	HOLTMANN, UDO	2,849,957
GREUENENTHAL GMBH	2,849,933	HARTMANN, WERNER	2,849,569	HONDA, TATSURO	2,849,671
GRIEBEL, PHILIP	2,849,587	HARTWIG, SVERKER	2,850,058	HONEGGER, CHRIS ALLEN	2,850,359
GRIFFITHS, DOMINIC	2,850,333	HASEL, KARL L.	2,850,225	HONG, ANDREW	2,849,778
GROSSMANN, LILIA	2,849,569	HASSAN, HASSAN	2,849,537	HONTZ, JEFFREY W.	2,849,541
GROUTAS, WILLIAM C.	2,850,003	HASSELSCHWERT, DANIEL J.	2,850,133	HORIBE, NORIFUMI	2,850,049
GRUBERT, GERD	2,849,700	HATTORI, KEI	2,850,099	HORNS, STEFAN	2,850,015
GRUETER, CHAD	2,850,223	HAYERINEN, EEMELI	2,849,784	HOSPIRA, INC.	2,849,986
GRUNENTHAL GMBH	2,849,960	HAYERINEN, EEMELI	2,849,941	HOTTIN, MATHIEU	2,849,707
GT BIOLOGICS LTD	2,850,000	HAYASHI, TAKAMICHI	2,850,050	HOUDAILLE, REMI	2,849,952
GUAL ROIG, SILVIA	2,849,868	HAYASHIBARA CO., LTD.	2,849,747	HOVEYDA, HAMID	2,849,751
GUAL ROIG, SILVIA	2,849,872	HAZARE, ATUL	2,849,726	HOWARD, PHILIP WILSON	2,850,096
GUDIPATI, CHAKRAVARTHY	2,850,085	HBC SOLUTIONS INC.	2,849,961	HOWARD, PHILIP WILSON	2,850,103
GUENEC, MATHIEU	2,849,975	HE, CANLONG	2,850,158	HOWARD, PHILIP WILSON	2,850,264
GUERNEY, KEVIN W.	2,849,884	HE, HONGXIAN	2,849,877	HOWARTH, JAMES	2,850,146
GUFFEY, WENDELL RAY	2,850,312	HE, PINGHUA	2,850,206	HTG MOLECULAR DIAGNOSTICS, INC.	2,850,329
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GUIDRY, KIRK P.	2,849,719	HEATH, BRIAN	2,850,260	HUA, DUY	2,850,003
GUIDRY, KIRK PAUL	2,850,071	HEATH, JULIE A.	2,850,166	HUAWEI TECHNOLOGIES CO., LTD.	2,849,565
GUPTA, MARUTI	2,850,111	HEATLEY, NINA	2,850,227	HUAWEI TECHNOLOGIES CO., LTD.	2,850,206
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HABIB, AHSAN	2,849,898	HELGESON, ANNE	2,849,905	IBIS MEDICAL, INC.	2,850,162
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IGAWA, TOMOYUKI	2,850,322	JANSSEN PHARMACEUTICA		KAISER, ROLAND	2,849,793
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INNOVA DYNAMICS, INC.	2,849,394	JEONG, MIN JAE	2,850,053	KANG, HO-WOONG	2,849,702
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INTEL CORPORATION	2,850,169	JIANGSU SINORGCHEM		KARKACHE, MOHAMMED	2,850,146
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SYSTEMS INC.	2,850,260	JIAO, YU	2,850,310	KARLSSON, ANDERS	2,850,269
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HOLDINGS, INC.	2,850,321	JOHANSSON, DANIEL	2,849,620	KASHTAN, YUVAL	2,849,725
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IPSEN PHARMA S.A.S.	2,850,350	INC.	2,850,153	KEEN, NATHAN ANDREW	2,849,916
IR, SEAN	2,849,725	JOHNSON & JOHNSON		KELLER, BRUNO	2,850,093
IRM LLC	2,849,760	CONSUMER COMPANIES,		KELLY, DENISE	2,850,000
ISHII, KAZUYUKI	2,849,752	INC.	2,850,168	KELTO, SETH C.	2,849,728
ISHII, SHINYA	2,850,041	JOHNSON & JOHNSON		KERNKE, RUTH	2,850,093
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ITALCEMENTI S.P.A.	2,849,550	INC.	2,850,170	KETTERER, NICOLE A.	2,850,060
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ITO, HIDEAKI	2,850,040	VISION CARE, INC.	2,849,721	SYSTEMS, INC.	2,849,300
ITO, MARFI	2,849,703	JOHNSON MATTHEY PLC	2,849,988	KHARUL, RAJENDRA	2,849,726
ITOCHU CHEMICAL		JOHNSON, ERIC SCOTT	2,850,025	KIANG, ANNA-SOPHIA	2,849,816
FRONTIER		JOHNSON, GLENN A.	2,849,541	KIBBY, CHARLES L.	2,849,905
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IVOCLAR VIVADENT AG	2,848,586	JONES, JEFF	2,849,767	KIM, DONG-HYUN	2,849,702
IYER, PRASHANT	2,849,885	JOO, JAE-EUN	2,849,702	KIM, DONG-KYUN	2,849,702
IZAWA, SEISUKE	2,849,747	JOSAT, OLE	2,850,150	KIM, EUN-KYUNG	2,849,702
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JACQUIN, LAURENT	2,850,243	JOTHIMURUGESAN,		KIM, KI-IL	2,850,164
JAESCHKE, GEORG	2,850,082	KANDASWAMY	2,849,905	KIM, SANG HOON	2,849,675
JAGADEESH, VIGNESH	2,850,020	JUBIN, PHILIPPE F.	2,849,721	KIM, WON HONE	2,850,053
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JAGGER, KARL A.	2,849,728	JULIAN, JOSEPH F.	2,849,797	KIM, YOUNG-BUM	2,850,164
JAIN, MISTI	2,850,274	JUNG, JOON	2,849,336	KIM, YUNJEONG	2,850,003
JAIN, SIDHARTHA	2,849,980	JUNG, JOON	2,849,357	KIMURA, MOTOHARU	2,849,752
JAMIESON, BARBARA	2,849,988	JURY, BRENT FELIX	2,849,678	KING FAHD UNIVERSITY OF	
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		LUY, BERNHARD	2,849,802
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MADDULA, KRISHNA	2,850,329	MATTANOVICH, DIETHARD	2,849,856	MITSUBISHI CHEMICALS AGRO, INC.	2,850,337
MADILL, MATT	2,849,778	MAULDIN, CHARLES L.	2,849,768	MITTAL, ALEXANDER	2,849,394
MAEDA, ATSUSHIKO	2,850,035	MAURER, MICHAEL	2,849,856	MIURA, TAKESHI	2,850,036
MAEDA, ATSUSHIKO	2,850,322	MAYNARD, SHAWN	2,850,140	MIYAWAKI, SHOICHI	2,849,750
MAGNA INTERNATIONAL INC.	2,849,924	MCCOY, DENNIS R.	2,849,713	MIZOBUCHI, ATSUSHI	2,850,036
MAGNALDO, THIERRY	2,849,733	MCCRAY, VANCE A.	2,850,302	MIZUNO, YASUHIRO	2,849,671
MAGNALDO, THIERRY	2,849,738	MCCUE, DARREN M.	2,850,075	MODULAR MINING SYSTEMS, INC.	2,850,076
MAGNALDO, THIERRY	2,849,741	MCDONOUGH, PAUL	2,850,104	MOELLER, DANIEL KEITH	2,849,880
MAGNUS STENT IC	2,849,998	MCELVAIN, JESSICA	2,849,877	MOFFORD, BRIAN	2,850,250
MAGNUSSON, ULRIKA	2,849,800	MCGIRR, LAURA JANE	2,850,174	MOHAMMED, RASHEED	2,850,146
MAH, CEDAR	2,850,260	MCGILONE, JOHN J.	2,849,297	MOHIUDDIN, MOHAMMAD	2,849,882
MAH, SAMANTHA HUIXIAN	2,849,755	MCINTOSH, JOEL	2,850,166	MOHR, PATRICK	2,849,956
MAIER, MARKUS	2,850,247	MCKECHNIE, PERRY W.	2,850,231	MOLLER, CHRISTOPH	2,850,208
MAJUMDER, BISWANATH	2,850,274	MCMAHON, ROBERT JAMES	2,850,309	MOLNAR, IMRE	2,849,869
MAJUMDER, PRADIP	2,850,274	MCTAMNEY, PATRICK M.	2,849,822	MOMENTIVE SPECIALTY CHEMICALS INC.	2,849,755
MALLINCKRODT LLC	2,850,198	MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A.	2,849,701	MONCRIEF, FRANK N.	2,849,925
MALNATI, GIOVANNI	2,849,964	MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A.	2,849,890	MOOG INC.	2,849,713
MALONEY, PETER	2,850,227	MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A.	2,849,892	MOOKHTIAR, KASIM A.	2,849,726
MAMIDIPUDI, PRIYAVADAN	2,849,808	MEDINA, JULIO C.	2,850,166	MOON, THOMAS RUSSELL	2,849,910
MANESIS, NICHOLAS J.	2,850,132	MEDZIUS, JOSEPH	2,850,310	MOON, YOUNG HO	2,850,055
MANNING, JAMES J.	2,849,805	MEGMILK SNOW BRAND CO., LTD.	2,849,754	MOOTE, STANLEY ROBERT	2,849,961
MANNING, SARA	2,849,819	MEHTA, RAHUL	2,849,893	MOPEC, INC.	2,849,744
MANSOOR, HADI	2,850,068	MEMORIAL SLOAN-KETTERING CANCER CENTER	2,849,817	MORALES, AZORIDES R.	2,849,908
MANUFACTURING RESOURCES INTERNATIONAL, INC.	2,849,902	MENZER, DAVID	2,849,295	MORAN, PAUL M.	2,850,032
MARATHI, UPENDRA	2,850,187	MERCK PATENT GMBH	2,849,820	MORANO, EMANUEL P.	2,849,978
MARCELIN, ANNE-GENEVIEVE	2,849,969	MERCK SHARP & DOHME CORP.	2,849,336	MORANO, EMANUEL P.	2,850,168
MARCHILDON, EDWARD J.	2,850,233	MERCK SHARP & DOHME CORP.	2,849,357	MORAVEK, SCOTT J.	2,849,703
MARCUM, JOSEPH T.	2,849,888	MERGY, JEFFREY	2,849,772	MOREIN, BROR	2,850,296
MARICAP OY	2,849,943	MERRILL, LESLIE DOUGLAS	2,849,953	MOREINX AB	2,850,296
MARK, JOSEPH L.	2,850,222	MERRY, BRIAN D.	2,850,225	MORI, TATSUYA	2,850,024
MARLOW, LAURA ANN	2,849,903	METALYSIS LIMITED	2,850,339	MORIWAKI, HAJIME	2,849,742
MARMOR, ROBERT S.	2,849,988	MICHELIN RECHERCHE ET TECHNIQUE S.A.	2,850,119	MORIYA, TAKAHIRO	2,849,754
MARSH, STEPHEN ALAN	2,849,362	MICROCELL TECHNOLOGY CO., LTD.	2,833,949	MORRIS, JAMES ALAN	2,850,013
MARTEN, ZACHARY A.	2,849,924	MICROSOFT CORPORATION	2,849,819	MORRISON, JEFFERY	2,849,979
MARTIN, CHRISTOPHER L.	2,849,714	MICROSOFT CORPORATION	2,850,143	MOSAID TECHNOLOGIES INCORPORATED	2,849,862
MARTIN, JOHN FRANCIS	2,849,998	MIHALIC, JEFFREY T.	2,850,166	MOSAID TECHNOLOGIES INCORPORATED	2,849,865
MARTIN, JUSTIN J.	2,849,706	MIIDA, TETSUYA	2,850,043	MOTTIN, JEAN-BAPTISTE	2,850,163
MARTINELL PEDEMONTE, MARC	2,849,564	MILEWSKI, THOMAS	2,850,256	MTD PRODUCTS INC	2,849,723
MARTINEZ, MICHELLE	2,849,357	MILLER, KEVIN C.	2,850,114	MUDRA, ISTVAN	2,849,869
MARUYAMA, NAOKI	2,850,332	MILLER, MATTHEW	2,850,140	MUELLER INTERNATIONAL, LLC	2,850,059
MARUYAMA, SHINICHI	2,850,040	MIMOTO, FUTA	2,850,035	MUIR, JORDAN KENDALL	2,850,275
MASAEI, MAHDOKHT	2,850,335	MINAMI, AKINOBU	2,850,332	MULDER, HARM	2,850,079
MASE, ROBERT	2,850,324	MING, XINTIAN	2,849,756	MULLER, MARTIN	2,849,967
MASHIACH, ADI	2,850,289	MINT OF FINLAND LTD.	2,850,248	MULLER, WALTER	2,849,956
MASHIACH, ADI	2,850,292	MIOZZI, MICHELE	2,850,084	MULLER-STACH, TORSTEN	2,849,700
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MASKATIA, IMRAN	2,849,896			MURASATO, AKINOBU	2,850,332
MASKATIA, IMRAN	2,849,897			MUSICKI, BRANISLAV	2,849,977
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MASSEL, VALERIE	2,850,341				

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NEC ENGINEERING, LTD.	2,849,742	NOZAKI, TAKAYUKI	2,850,044	OZAWA, ROBERT	2,850,033
NEENAH PAPER, INC.	2,850,088	NOZAKI, TAKAYUKI	2,850,045	OZAWA, ROBERT	2,850,226
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NELSON, BILL	2,849,791	NYXOAH SA	2,850,292	OZDARYAL, ESRA	2,849,810
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NIPPON PAPER INDUSTRIES CO., LTD.	2,849,750	OKADA, YURUKI	2,850,294	PAPAGEORGIOU, ANASTASIOS	2,849,730
NIPPON SODA CO., LTD.	2,850,040	OKAMOTO, RYO	2,849,752	PAQUETTE, MICHEL	2,849,717
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NIPPON STEEL & SUMITOMO METAL CORPORATION	2,849,671	OKEEFE, DANIEL P.	2,849,877	PARIKH, SHEHUL SAILESH	2,849,398
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,044	OKEI, TIMOTHY A.	2,849,706	PARK, CHEOL MIN	2,850,053
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,045	OKUBO, SHINJI	2,850,099	PARK, JIN-HWI	2,849,702
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,091	OLIVER, SCOTT	2,849,905	PARKER, DONALD MERRILL	2,849,362
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,091	OLMSTEAD, JUSTIN D.	2,849,906	PARKINSON, DAVID W.	2,849,873
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,094	OLP, JERALD W. SR.	2,849,775	PARKINSON, DAVID W.	2,849,875
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,101	OLSON, ERIC	2,850,223	PARRAMON, JORDI	2,850,033
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,101	OLSON, STEVEN H.	2,850,166	PATEL, BHARAT D.	2,849,951
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,850,332	OLVERA-HERNANDEZ, ULISES	2,850,321	PATEL, BHARAT D.	2,850,153
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				PELVALON, INC.	2,849,734
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PERRIN, REMI	2,850,290	PRESLEY, HARRY	2,849,778	REHMANI, SAAD	2,849,894
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PLITZKO, MATTHIAS	2,849,796	RAGUET, MICHEL	2,850,027	RODRIGUEZ, BENOIT	2,850,243
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POL, BERNARDUS JOZEF MARIA	2,849,809	RAJARAM, GOKUL	2,850,339	ROSANO, HUGO LEONARDO	2,850,005
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POMERANTZ, ITZHAK	2,849,725	PAUL	2,850,310	ROTH, GREGORY B.	2,849,904
POMERANTZ, SARIT	2,849,718	RANBAXY LABORATORIES LIMITED	2,850,248	ROTH, GREGORY B.	2,849,911
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PPG INDUSTRIES OHIO, INC.	2,850,310	RAVIKUMAR, RAVI	2,849,299	ROVNER, JERRY M.	2,849,299
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WARDEN, JAMES PAUL	2,849,932	MICHAEL	2,849,797	ZIELINSKI, JAN	2,849,910
WARPUP, RYAN R.	2,849,924	WU, YAN	2,850,032	ZIMLICH, AMANDA	2,850,146
WASCHOWICZ, REBECCA J.	2,850,126	WU-WONG, JINSHYUN RUTH	2,849,926	ZIMMERMANN, GERHARD	2,850,241
WASINGER, JERRY	2,849,902	WUERSCH, MARKUS	2,849,970	ZINKWEG, DIRK B.	2,850,154
WATFA, MAIMOUD	2,850,321	WWTT TECHNOLOGY CHINA	2,829,685	ZIPKIN, DAVID	2,850,011
WATSON, BROCK	2,849,880	XBIOTECH, INC.	2,849,710	ZUCCHINI, FABRIZIO	2,849,804
WATTS, MARK R.	2,850,146	XEDA INTERNATIONAL	2,850,157	ZYNNOVATION LLC	2,849,735
WEATHERFORD/LAMB, INC.	2,849,979	XEDA INTERNATIONAL	2,850,281		
WEATHERS, CHRISTINE	2,850,166	XIE, BINGLONG	2,849,397		
WEBER, HEIKE	2,850,127	XU, FENGLING	2,849,814		
WECHSLER, ANDREW	2,850,181	XU, JUN	2,849,823		
WECHSLER, ANDREW	2,850,192	YADAV, SUDHANSU S.	2,849,888		
WEI, CHIH-JEN	2,849,822	YAMAGUCHI, TERUFUMI	2,850,320		
WEI, XINYI	2,849,700	YAMAMOTO, YASUHIRO	2,849,667		
WEIDER, CHRISTOPHIE	2,850,263	YAMAMOTO, YUKI	2,840,785		
WEIJNEN, JOHN	2,849,934	YAMANAKA, SHINTARO	2,850,094		
WEIR MINERALS AUSTRALIA		YAMASAKI, HISANORI	2,850,294		
LIMITED	2,849,777	YAMASHITA, TOSHIKI	2,850,040		
WELDON, STEPHEN CRAIG	2,849,760	YAN, XUELEI	2,850,166		
WELLS, KENNETH M.	2,849,779	YANG, FAN	2,849,995		
WENGER, JANA	2,849,856	YANG, HAILING	2,849,735		
WENTZEL, DETLEF ANDREAS	2,849,936	YARED, GHASSAN	2,843,061		
WERNER, MARK F.	2,849,924	YASSINE, HADI M.	2,849,822		
WERZ, HANS-JOACHIM	2,849,940	YASUI, TAKESHI	2,850,332		
WESLEY, TAM	2,850,234	YE, ZHITIAN	2,849,807		
WESTON, SIMON		YENER, DORUK OMER	2,850,147		
CHRISTOPHER	2,849,923	YOKOZUTSUMI, RYO	2,850,294		
WHITE, CATHERINE	2,849,357	YOON, SEOK KYU	2,850,051		
WHITE, DONALD JAMES, JR.	2,849,243	YOSHIOKA, YUKA	2,849,394		
WHITEHOUSE, ANDREW		YOUNG, JONATHAN R.	2,849,336		
STEVEN	2,849,954	YOUNG, JONATHAN R.	2,849,357		
WICHITA STATE UNIVERSITY	2,850,003	YOUNG, MICHAEL EUGENE	2,849,394		
WICKERSHAM, LARRY	2,849,791	YU, JIAQIANG	2,849,565		
WIENKE, DIRK	2,849,820	YU, JIONG	2,850,191		
WILDE, BENJAMIN	2,850,182	YU, YI	2,850,299		
WILKE, BENJAMIN M.	2,849,728	YUHAN CORPORATION	2,849,702		
WILLEMSSEN, RALPH		ZAFIROPOULOS,			
ALEXANDER		PANAGIOTIS	2,849,730		
(DECEASED)	2,850,291	ZAMBRANO, JOEL	2,850,143		
WILLIAMS, HEIDEMARIE	2,849,886	ZAMORA, FRANK	2,849,947		
WILLIAMS, HEIDEMARIE	2,849,894	ZANIN, FIORENZO	2,850,343		
WILLIAMS, HEIDEMARIE	2,849,896	ZEE AERO INC.	2,849,709		
WILLIAMS, HEIDEMARIE	2,849,897	ZEICHFUSSL, ROLAND	2,849,811		
WILLIAMS, KENNETH E.	2,850,109	ZEININGER, HEINRICH	2,850,240		
WILLIAMS, MORTIMER	2,850,324	ZELAZNY, PAUL	2,850,136		
WILLIT, JAMES L.	2,850,061	ZENG, HAISHAN	2,850,068		
WILSON, KELCE STEVEN	2,849,932	ZENITH OILFIELD			
WILSON, KEVIN	2,849,357	TECHNOLOGY LIMITED	2,849,863		
WINVIC SALES, INC.	2,849,532	ZEUN, RONALD	2,850,263		
WITHAM, COLE A.	2,849,973	ZHANG, HONGJUN	2,849,336		
WITTMANN, DIETER	2,849,955	ZHANG, HONGJUN	2,849,357		
WOJTKOWSKI, THOMAS C.,		ZHANG, KAI	2,850,085		
JR.	2,850,324	ZHANG, QINGHONG	2,849,382		
WOLFE, DAVID G.	2,849,739	ZHANG, QUNFENG	2,849,561		
WOLFE, JASON	2,850,351	ZHANG, WEI	2,849,735		
WOLFF CECCHIA, MARIA		ZHANG, YANGPENG	2,849,785		
CECILIA	2,849,535	ZHANG, YANGPENG	2,849,807		
WOLFF, NICOLAS	2,849,861	ZHANG, YUJIAN	2,850,169		
WOLKOW, ROBERT A.	2,849,938	ZHAO, QIAN	2,849,995		
WONG, CHIENG CHUEN		ZHENG, WEI	2,849,565		
BENEDICT	2,849,778	ZHOU, DALIN	2,849,785		
WONG, KWOKFONG	2,829,685	ZHOU, DALIN	2,849,807		
WOO, HYUN CHONG	2,849,336	ZHUANG, YE	2,849,714		

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ABRAHAM, WILLIAM	2,848,165	FISHER CONTROLS		LIU, DACHUN	2,849,420
ABRAXIS BIOSCIENCE, LLC	2,848,021	INTERNATIONAL LLC	2,848,948	LIU, YAYA	2,849,420
AKINC, AKIN	2,848,238	FISHER CONTROLS		LONGENECKER, KENTON L.	2,849,420
AL MURRANI, SAMER	2,849,218	INTERNATIONAL LLC	2,848,950	LORENZO, JUAN A.	2,847,581
AL-JAAR, ROBERT	2,849,152	FLENTGE, CHARLES A.	2,849,420	LOU, XIAOCHUN	2,849,420
AR MEDICOM INC.	2,846,939	FLETCHER, LEAH D.	2,849,427	LUDVIG, JASON RANDALL	2,846,939
BAILEY, THOMAS F.	2,846,749	FRANCZYK, THADDEUS S., II	2,849,420	MACKINNON, ALISON	2,795,753
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BERGER, TIFFANY J.	2,847,268	GORES, PAUL	2,848,954	MITELBERG, VLADIMIR	2,847,581
BERNFELD, LIESEL A.	2,849,427	GRAN, JOHN J.	2,848,741	MONSANTO TECHNOLOGY LLC	2,848,165
BETEBENNER, DAVID A.	2,849,420	GRAPHIC PACKAGING INTERNATIONAL, INC.	2,846,920	MOOG INC.	2,843,614
BONHOEFFER, PHILIPP	2,848,485	GUO, LIANG	2,847,985	MORIARTY, ROBERT M.	2,847,985
BOORMAN, JAMES	2,847,740	HAIGHT, ANTHONY R.	2,849,420	MORRIS, DAVID L.	2,849,147
BOUDJEMLINE, YOUNES	2,848,485	HALBERSTADT, CRAIG	2,848,954	MOTTER, CHRISTOPHER E.	2,849,420
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BRENNEIS, DARRELL CHAD	2,847,401	HALLIBURTON ENERGY SERVICES, INC.	2,847,463	MUELLER, NICOLE	2,847,268
BRENNEIS, DARRELL CHAD	2,847,489	HALLIBURTON ENERGY SERVICES, INC.	2,847,489	NARAYANANNAIR, JAYAPRAKASH K.	2,848,238
BREONICS, INC.	2,847,723	HANSEN, SILKE	2,849,203	NEONODE INC.	2,848,650
CASSIDY, DAVID	2,843,561	HEMENDINGER, RICHELLE	2,848,954	NICHOLSON, MARCUS	2,846,702
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CHATTERJI, JITEN	2,847,489	HENDERSON, NEIL	2,795,753	NIKE INTERNATIONAL LTD.	2,847,268
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COVINGTON, RICKY L.	2,847,489	JAYRAMAN, MUTHUSAMY	2,848,238	PENMASTA, RAJU	2,847,985
CROSS MATCH TECHNOLOGIES GMBH	2,826,716	JENA VALVE TECHNOLOGY, INC.	2,848,485	PETERSON, DARION	2,848,436
DASTANE, AJIT	2,846,168	JIMENEZ, EDUARDO	2,848,478	PETERSON, DAVID A.	2,849,484
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DE, TAPAS	2,848,021	JONES, DONALD K.	2,847,581	POURGHOLAMI, MOHAMMAD HOSSEIN	2,849,147
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EMERICH, DWAIN	2,848,954	LAURIE, MICHAEL	2,849,152	RING, LEV	2,846,749
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F. HOFFMANN-LA ROCHE AG	2,849,203			RODDY, CRAIG WAYNE	2,847,489
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WILKE, GALEN DALE	2,848,950
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ZIEGLER, KELLY	2,846,920
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